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Plant a
FREEDOM GARDEN
IN 1948
USE HALL'S
PREMIUM SEEDS



Hall Seed
Company

INCORPORATED

219 - 223 E. JEFFERSON
LOUISVILLE 2, KENTUCKY

Premium LAWN GRASS SEEDS

Recleaned • Highest Purity • Highest Germination



*Give your home
the setting it deserves...*

in a carpet of velvety-smooth, deep-green grass . . .

SHADY LAWN GRASS

1 lb. sows 400 square feet

In nearly all lawns there are shaded spots, under trees or near the house, where it is hard to get a satisfactory growth. Shady Lawn Grass is prepared especially for such situations and will produce a thick growth that will blend nicely with the grass growing in other parts of the lawn.

Lb. 75c; 5 lbs. \$3.50; bu. (20 lbs.) \$12.00

KENTUCKY BLUE GRASS

1 lb. sows 250 square feet

Our stock of this popular grass is fancy recleaned seed and extra heavy. Succeeds well on most fertile soils in the central and northern states. Grows slowly at first but makes a thick, compact turf if properly cared for after sowing. For lawn purposes sow from 3 to 4 bushels per acre.

Lb. 60c; 5 lbs. \$2.75; bu. (14 lbs.) \$5.50

WHITE DUTCH CLOVER

For lawns. Makes a small, close, compact growth, covering the ground like a carpet. Sow either in the spring or fall. When sown by itself, use 5 to 6 pounds per acre; it is better, however, sown in mixture with other grasses.

Lb. \$1.00; 5 lbs. \$4.50

RYE GRASS

5 lbs. sows 1000 square feet

Excellent for producing an immediate effect. Deep-rooted, fast-growing, used for terraces and hillsides. Will stand shade.

Lb. 25c; 5 lbs. \$1.00; 25 lbs. \$4.00

For Velvety Green Lawns

Feed regularly with this complete, balanced diet.

VIGORO COMPLETE PLANT-FOOD

10-lb. pkg., 85c; 25-lb. bag, \$1.50; 100-lb. bag, \$4.00.

PREMIUM LAWN GRASS

One pound sows 400 square feet; 60 to 75 pounds will sow an acre.

A mixture of grasses that is adapted to lawn-making, and contains none of the coarse grasses nor those that grow in tufts or clumps. No one grass makes an ideal lawn, so we have put into our lawn grass a well-balanced mixture of grasses that are at their best during different months of the year, will give a beautiful green growth at all seasons, and will make a rich, deep green, velvety lawn in as short a time as possible.

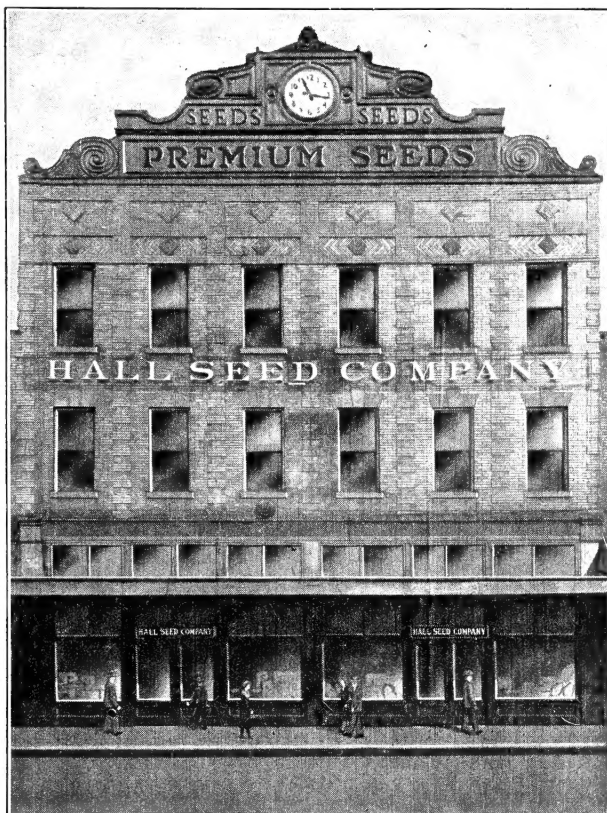
Lb. 65c; 5 lbs., \$3.00; bu. (20 lbs.) \$10.00

A Remedy for CLAY or SANDY SOILS

Peat Moss is the answer to many soil problems. Soils that are too sand-soft or clay-hard are quickly corrected with this ideal soil conditioner. It improves the texture of any soil, adds humus, and provides a storage reservoir for moisture and plant food in the root area. Before you plant a new lawn or garden, stop in or phone for

G. P. M. PEAT MOSS

\$4.75 per bale (Approx. 125 lbs.)



219-223 E. Jefferson St.

HOME OF PREMIUM SEEDS



Market St. Entrance

We take this opportunity to thank our many friends and customers for their patronage and we earnestly solicit a trial order from anyone not using Premium Seeds.

Yours for Premium Seed and Service,

January 1, 1948

HALL SEED COMPANY

INCORPORATED

Read Carefully Before Ordering

ERRORS—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business, errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

ABOUT WARRANTY

The **HALL SEED COMPANY** gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

Crops are dependent for success or failure on so many things besides seeds that it is impossible for us to give any crop warranty or guarantee. This does not mean that we lack confidence in the seeds we sell, but we have no control over the seeds after they leave our house, especially so as to the methods of planting, cultivating and fertilizing, all of which are important factors in the success of any crop. If we should warrant or guarantee seeds in any way, we could be held responsible for the failure of the crop, regardless of cause, and this is a responsibility we cannot accept. **No responsible seedsman gives any such warranty.**

THE VARIETIES OF GARDEN SEED offered in this catalog are the **BEST** for this latitude. They have been tried out and have **proven** to be the best. We have tried to confine our stock of seeds to those varieties that really have merit and are best suited to our local market. If you are in doubt about which varieties to plant, we sincerely hope this catalog will help you to decide. We will cheerfully give you any further information that we can.

ORDER YOUR SEEDS AT ONCE—Read this catalog through carefully and make up your order while you have plenty of time. Planting time will soon slip around and you want to be ready with the seeds on hand. **SEND US YOUR ORDERS WHILE OUR STOCKS ARE COMPLETE.**

OUR PRICES are subject to market changes and previous sales.

WE DO NOT PAY POSTAGE except on packets, ounces and quarter-pounds of vegetable and flower seeds at catalogue prices, for larger quantities add postage if ordered by parcel post. All other items listed in this catalogue unless otherwise stated, prices are f. o. b. Louisville, Ky., if delivery by parcel post is wanted sufficient postage should be added.

WE DO NOT SEND C. O. D., as the cost of collecting return charges is quite an unnecessary item of expense, and the prices being given, we can conceive of no necessity to warrant goods being so sent.

HOW TO SEND CASH—We prefer that you send stamps or Post Office Money Order for small amounts. Send Post Office Money Order, Express Money Order or Certified Checks or Bank Draft on Louisville for larger amounts. Your Rural Carrier or Postmaster will make out the Money Order for you.

SEE FOLLOWING PAGE FOR PARCEL POST RATES

NOTICE

SEE PAGE ONE WHEN
ORDERING BY
PARCEL POST

PARCEL POST RATES

POUNDS	LOCAL	First and Second Zones, Up to 150 Miles	Third Zone, 150 to 300 Miles	Fourth Zone, 300 to 600 Miles	Fifth Zone, 600 to 1,000 Miles	Sixth Zone, 1,000 to 1,400 Miles	Seventh Zone, 1,400 to 1,800 Miles	Eighth Zone, all over 1,800 Miles
1	\$.08	\$.09	\$.10	\$.11	\$.12	\$.13	\$.15	\$.16
2	.09	.11	.12	.15	.18	.20	.24	.27
3	.09	.12	.14	.18	.23	.27	.33	.38
4	.10	.13	.16	.22	.28	.34	.42	.49
5	.11	.14	.18	.25	.34	.41	.52	.61
6	.11	.15	.20	.29	.39	.48	.61	.72
7	.11	.16	.22	.32	.44	.56	.70	.83
8	.12	.17	.24	.36	.50	.63	.79	.95
9	.12	.18	.26	.39	.56	.70	.89	1.06
10	.13	.19	.28	.43	.61	.77	.98	1.17
11	.13	.20	.30	.46	.66	.84	1.07	1.29
12	.14	.22	.32	.50	.72	.92	1.16	1.40
13	.14	.23	.34	.54	.77	.99	1.26	1.51
14	.15	.24	.36	.58	.82	1.06	1.35	1.63
15	.15	.25	.38	.61	.89	1.13	1.44	1.74
16	.16	.26	.40	.65	.94	1.21	1.53	1.85
17	.16	.27	.42	.68	.99	1.28	1.63	1.97
18	.17	.28	.44	.72	1.05	1.35	1.72	2.08
19	.17	.29	.46	.75	1.10	1.42	1.81	2.19
20	.18	.30	.48	.79	1.15	1.49	1.91	2.31
21	.18	.31	.50	.82	1.21	1.57	2.00	2.42
22	.19	.33	.53	.87	1.27	1.64	2.09	2.53
23	.19	.34	.55	.90	1.32	1.71	2.18	2.65
24	.20	.35	.57	.94	1.37	1.78	2.28	2.76
25	.20	.36	.59	.97	1.43	1.85	2.37	2.87
26	.21	.37	.61	1.01	1.48	1.93	2.46	2.99
27	.21	.38	.63	1.04	1.53	2.00	2.55	3.10
28	.22	.39	.65	1.08	1.60	2.07	2.65	3.21
29	.22	.40	.67	1.11	1.65	2.14	2.74	3.33
30	.23	.41	.69	1.15	1.70	2.21	2.83	3.44
31	.23	.42	.71	1.18	1.75	2.29	2.93	3.55
32	.24	.44	.73	1.23	1.81	2.36	3.02	3.67
33	.24	.45	.75	1.26	1.86	2.43	3.11	3.78
34	.25	.46	.77	1.30	1.92	2.50	3.20	3.89
35	.25	.47	.79	1.33	1.98	2.58	3.30	4.01
36	.26	.48	.81	1.37	2.03	2.65	3.39	4.12
37	.26	.49	.83	1.40	2.08	2.72	3.48	4.23
38	.27	.50	.85	1.44	2.14	2.79	3.57	4.35
39	.27	.52	.88	1.47	2.19	2.86	3.67	4.46
40	.28	.53	.90	1.51	2.25	2.94	3.76	4.57
41	.28	.54	.92	1.55	2.30	3.01	3.85	4.69
42	.29	.56	.94	1.59	2.36	3.08	3.94	4.80
43	.29	.57	.96	1.62	2.41	3.15	4.04	4.91
44	.30	.58	.98	1.66	2.46	3.22	4.13	5.03
45	.30	.59	1.00	1.69	2.52	3.30	4.22	5.14
46	.31	.60	1.02	1.73	2.58	3.37	4.32	5.25
47	.31	.61	1.04	1.76	2.63	3.44	4.41	5.37
48	.32	.62	1.06	1.80	2.69	3.51	4.50	5.48
49	.32	.63	1.08	1.83	2.74	3.58	4.59	5.59
50	.33	.64	1.10	1.87	2.79	3.66	4.69	5.71
51	.33	.65	1.12	1.91	2.84	3.73	4.78	5.82
52	.34	.67	1.14	1.95	2.90	3.80	4.87	5.93
53	.34	.68	1.16	1.98	2.96	3.87	4.96	6.05
54	.35	.69	1.18	2.02	3.01	3.94	5.06	6.16
55	.35	.70	1.21	2.05	3.07	4.02	5.15	6.27
56	.36	.71	1.23	2.09	3.12	4.09	5.24	6.39
57	.36	.72	1.25	2.12	3.17	4.16	5.34	6.50
58	.37	.73	1.27	2.16	3.23	4.23	5.43	6.61
59	.37	.74	1.29	2.19	3.29	4.31	5.52	6.73
60	.38	.75	1.31	2.24	3.34	4.38	5.61	6.84
61	.38	.76	1.33	2.27	3.39	4.45	5.71	6.95
62	.39	.78	1.35	2.31	3.45	4.52	5.80	7.07
63	.39	.79	1.37	2.34	3.50	4.59	5.89	7.18
64	.40	.80	1.39	2.38	3.55	4.67	5.98	7.29
65	.40	.81	1.41	2.41	3.62	4.74	6.08	7.41
66	.41	.82	1.43	2.45	3.67	4.81	6.17	7.52
67	.41	.83	1.45	2.48	3.72	4.88	6.26	7.63
68	.42	.84	1.47	2.52	3.78	4.95	6.36	7.75
69	.42	.85	1.49	2.55	3.83	5.03	6.45	7.86
70	.43	.87	1.51	2.60	3.88	5.10	6.54	7.97

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ASPARAGUS SEED

One Ounce will produce about 200 roots; 3 lbs. will produce enough roots for one acre.

MARY WASHINGTON RUST-PROOF—Has proved to possess remarkable rust-resisting qualities. Produces long, straight stalks of a rich green color running darker at the tips. While it has the thickness desired in Asparagus, you will find it tender and delicious. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

ASPARAGUS ROOTS

Asparagus roots are planted in trenches 1 foot wide and 6 inches deep. Lay the roots 18 inches apart, taking care to spread the roots well with the crown up. Then cover them with about 4 inches of soil. As the plants begin to grow, gradually fill in the trenches to the surface. They may be planted in either single-row or double-row beds, allowing about 3 to 4 feet between beds, in either case, 2-year-old plants, set out in the Spring, will yield tips for use the following Spring; however, it is best to cut sparingly the first season. One-year-old plants should not be cut until the second season. 25c per doz.; \$1.25 per 100; \$11.00 per 1000.

BEANS—Dwarf or Bush Green Podded Sorts

Prices on beans are not postpaid. If delivery by parcel post is wanted, sufficient postage should be added. See page 2 for parcel post rates.

CULTURE—If planted at intervals of two or three weeks, commencing after the ground has become dry and warm and continuing until the latter part of August, a supply can be had all through the season. Sow in drills 2 in. deep and 18 in. to 2 feet apart dropping beans 3 inches apart in the drill. Hoe or cultivate often and very shallow, keeping ground stirred well until they begin to bear. Do not hoe or cultivate while leaves are wet. Pick pods as soon as they are large enough for use. One quart will plant about 125 feet in drill. Two bushels per acre.

LONGGREEN STRINGLESS—56 Days—A new market bean originating as a straight selection from long podded tendergreen. The season, vine, pod type and color are similar to regular New Stringless or Tendergreen with the exception that the pod is considerably longer. Pods are round, straight, dark green in color and 7 inches long. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.40; gal. \$2.55.

EARLY BOUNTIFUL—Pods are large, thick, broad, flat, extra long, very uniform in shape, having a delicious flavor exclusively their own, ready for picking in about 6 weeks. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.45; gal. \$2.65; pk. \$5.00; ½ bu. \$9.85; bu. \$19.50.

RED VALENTINE—Plants are very vigorous and healthy, have always been free from diseases which appear in the regular stocks of Red Valentine Beans. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.45; gal. \$2.65; pk. \$4.80.

TENDERGREEN—New delicious, tender, fine-flavored, early dwarf bean. Pods are long, round, very meaty, of a light green color and entirely stringless. Try this new one this year. Pkt. 15c; pt. 45c; qt. 85c; ½ gal. \$1.50; gal. \$2.85; pk. \$5.40; ½ bu. \$10.40; bu. \$20.00.

BURPEE'S STRINGLESS GREEN POD—A valuable round pod bean absolutely stringless; pods are long, fleshy and tender of a vigorous rapid growth and extremely early. Most popular of all snap stringless varieties for market or family use. Pkt. 15c; pt. 40c; qt. 75c; ½ gal. \$1.40; gal. \$2.55; pk. \$4.80; ½ bu. \$9.45; bu. \$18.75.

GIANT STRINGLESS—Matures a few days later than Burpee's Stringless Green Pod, are a little longer and more nearly straight. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.45; gal. \$2.65; pk. \$5.40; ½ bu. \$9.85; bu. \$19.50.

FULL MEASURE—Plants are hardy and prolific, bearing large round stringless, slightly creasebacked pods, ready to pick in about 7 weeks. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.45; gal. \$2.55; pk. \$4.80.

TENNESSEE GREEN POD—This is a splendid Extra Early variety for market and more especially home use, being a very heavy producer of large, flat, green pods of the finest flavor, which is in some respects similar to that of a pole bean. It continues to blossom and bear for several weeks after the first setting of pods. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.45; gal. \$2.55; pk. \$4.80.

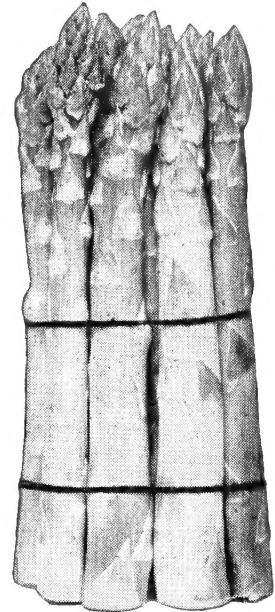
DWARF HORTICULTURAL OR ITALIAN—A popular sort with Louisville market gardeners. Pods medium light striped, splashed with crimson or yellowish brown; seeds pale pink, speckled with bright red. Can be used as a shell bean green or dried. Pkt. 15c; pt. 50c; qt. 90c; ½ gal. \$1.50; gal. \$2.85; pk. \$5.40.

Dwarf Varieties For Shelled Beans

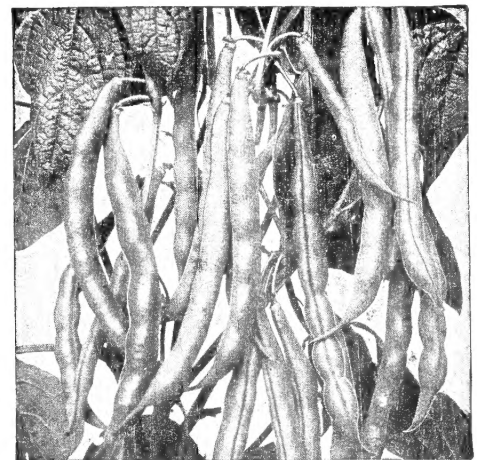
WHITE KIDNEY—Popular for soup purposes. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.20; gal. \$2.25; pk. \$4.35.

RED KIDNEY—A well-known shelled bean. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.20; gal. \$2.25; pk. \$4.35.

WHITE NAVY—A splendid table variety and very prolific. Pkt. 15c; pt. 40c; qt. 65c; ½ gal. \$1.20; gal. \$2.15; pk. \$4.00.



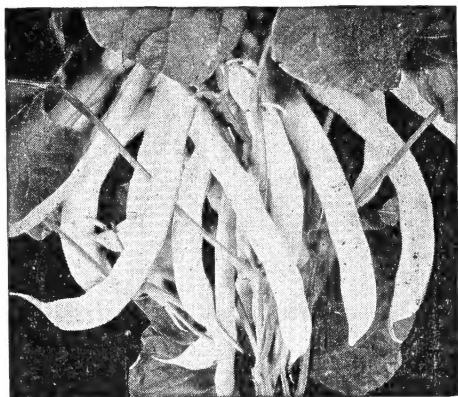
ASPARAGUS



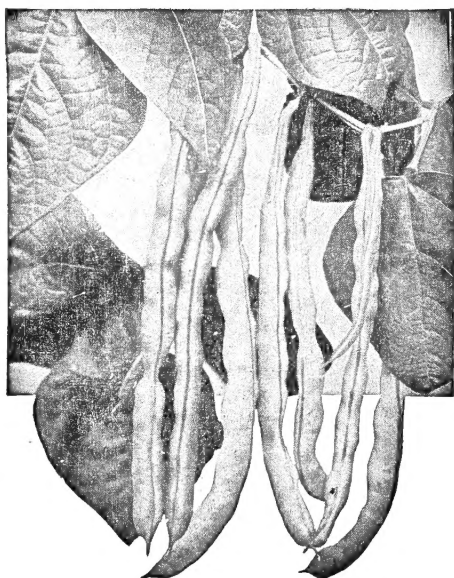
BURPEES STRINGLESS



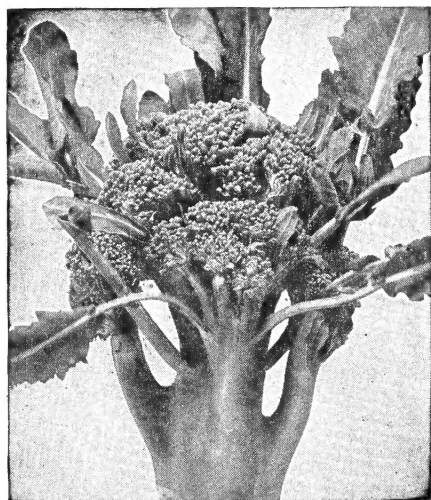
RED VALENTINE



GOLDEN WAX BEAN



McCASLAN POLE BEAN



BROCCOLI

BEANS—Dwarf or Bush Wax Podded Sorts

PENCIL POD BLACK WAX—One of the most popular of the wax varieties. A heavy producer of medium size, round pods, clear and of a waxy white. Used in many instances for pickling; also a very desirable snapbean. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.45; gal. \$2.55; pk. \$4.80.

GOLDEN WAX—Early, vigorous and a bountiful yielder of beautiful tender pods. The vine grows 1½ feet high, holding the pods well off the ground. The pods are shapely, flat and large. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.45; gal. \$2.55; pk. \$4.80.

Prices on beans are not postpaid. If delivery by parcel post is wanted, sufficient postage should be added. See page 2 for parcel post rates.

BEANS—Pole or Running

CULTURE—Plant after the soil has become well warmed, using poles six to eight feet long, in rows four feet apart each way. Put five or six beans around each pole and thin to three plants to a pole; or if preferred, plant in hills a foot apart along a trellis (of poultry netting). Cultivate frequently. Pole beans do best in very rich soil. They do not mature as rapidly as the bush beans, but are more productive. Often planted in a corn field.

IMPROVED KENTUCKY WONDER—Also known as Old Homestead. We believe this is the most extensively planted green-podded pole bean, suitable for use as snaps. It is an early, very prolific sort, with showy pods which are of most excellent quality. The pods are medium light green, very long, often reaching 9 to 10 inches, nearly round and crisp, when young. Our stock is fine quality. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.40; gal. \$2.60; pk. \$4.95; ½ bu. \$9.75; bu. \$19.25.

WHITE KENTUCKY WONDER OR BURGERS STRINGLESS—A splendid variety, early, prolific, bearing handsome pods 6 to 7 inches long. Round, slender, and straight, very tender and fleshy, color dark green. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.40; gal. \$2.60; pk. \$4.95; ½ bu. \$9.75; bu. \$19.25.

KENTUCKY WONDER WAX—One of the earliest of the pole wax sorts. Pods 8 to 9 inches long, thick, decidedly creasebacked, very fleshy, brittle but stringy, attractive and fair quality; color light yellow. Pkt. 20c; pt. 60c; qt. \$1.00; ½ gal. \$1.70; gal. \$3.10.

STRIPED CREASE BACK—A good variety for either pole or cornfield, bears very large green pods, are excellent shell beans. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.40; gal. \$2.60.

HORTICULTURAL POLE—The pods are of immense size, striped and splashed with brilliant crimson, and the beans, when dry, are colored and marked the same way as the pods. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.40; gal. \$2.60; pk. \$4.95.

RED SPECKLED CUTSHORT—An old variety, very popular for planting among corn. Vines medium size; snap pods, medium green, short, 3 to 3½ inches in length, straight flat to oval; fleshy and of good quality. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.40; gal. \$2.60; pk. \$4.95.

LAZY WIFE—One of the most productive and easiest gathered of the pole beans. Green pods, 4 to 5 inches long, and are borne in large clusters. Beans white. Very desirable for shelling. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.40; gal. \$2.60; pk. \$4.95.

McCASLAN POLE—The large size pods fill perfectly and in the "snap" stage are deep green in color, meaty, stringless, and of delicious flavor. Vines continue to bear throughout the season if kept closely picked. When allowed to ripen the shell beans of pure white color are most excellent for Winter use. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.40; gal. \$2.60; pk. \$4.95.

MISSOURI WONDER (Noxall)—An exceedingly productive, long bearing, late variety; pods 5 inches long, uniform, flat, curved, fairly tough, stringy and fibrous; medium green in color. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.40; gal. \$2.60; pk. \$4.95.

GIANT PODDED ASPARAGUS BEAN—Also known as the Yard Long Bean—Produces an enormous crop of long green pods, measuring 2 feet or more in length. Pkt. 20c; pt. 60c; qt. \$1.00.

BROCCOLI

EARLY GREEN CALABRESE—Forms a fair size, green head; after this is cut from the main stalk, new sprouts develop, which form small heads of a loose nature. In order to get an early crop, sow seed in cold frames, transplanting at the proper time. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

BUSH LIMA BEANS

CULTURE—Lima beans are not hardy as snap beans, and should not be planted quite as early. They do best in good rich, loamy ground, and should be planted in rows two or three feet apart and from three to four inches apart in the row, covering about two inches deep. Cultivate often, only when leaves are dry.

Prices on beans are not postpaid. If delivery by parcel post is wanted, sufficient postage should be added. See page 2 for parcel post rates.

NEW FORD HOOK BUSH LIMA—An improved bush lima of the Dreer type. The plants stand erect and of a true bush lima growth. The pods are well filled with from 3 to 5 large fat beans; is more prolific than any of the other large varieties and earlier than Burpee's Bush Lima. Being easily shelled, market gardeners will profit by planting this bean. Pkt. 15c; pt. 45c; qt. 85c; ½ gal. \$1.55; gal. \$2.85; ¼ bu. \$5.45; ½ bu. \$10.65; bu. \$21.00.

BURPEE'S IMPROVED BUSH LIMA—Produces a magnificent crop of pods, which measure from 5 to 6 inches long by one and one-quarter inches wide. Compared with Burpee's Bush Lima both pods and beans are much larger, while the beans, either green or dry are nearly twice as thick. The sturdy bushes are loaded with pods that are truly enormous in size. The luscious green beans are larger than any bush lima ever grown. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.50; gal. \$2.75; ¼ bu. \$5.20; ½ bu. \$10.15; bu. \$20.00.

FORD HOOK No. 242—Developed by the U. S. Dept. of Agriculture. Plants as tall as regular Ford Hook with greater spreading habit. Pods slightly curved, with thinner walls than Ford Hook, containing 3 to 4 light green beans of same excellent quality. Yields well under high temperature conditions. Dry beans greenish cream and light green. Pkt. 15c; pt. 50c; qt. 90c; ½ gal. \$1.70; gal. \$3.15; ¼ bu. \$6.00; ½ bu. \$11.65; bu. \$23.00.

HENDERSON'S BUSH LIMA—Enormously productive; pods are small, but well filled. Pkt. 15c; pt. 40c; qt. 75c; ½ gal. \$1.45; gal. \$2.60; ¼ bu. \$4.85; ½ bu. \$9.40; bu. \$18.50.

JACKSON WONDER BUSH LIMA—A very prolific, speckled-seeded variety. Pkt. 15c; pt. 40c; qt. 75c; ½ gal. \$1.40; gal. \$2.60; ¼ bu. \$4.95; ½ bu. \$9.65; bu. \$19.00.

POLE LIMA or BUTTER BEANS

GIANT PODDED POLE LIMA—The pods often measure 8 inches in length by 1½ inches in width. The beans are extra large and thicker than most other sorts. Dark green in color and finest flavor. The pods borne in clusters of from four to eight stands. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.25; gal. \$2.40; ¼ bu. \$4.50; ½ bu. \$8.65; bu. \$17.00.

CARPINTERIA POLE LIMA—Well filled, medium green pods, 5 to 6 inches long, much thicker than the average pole lima. The beans are broad, plump and thick and as perfect as could be desired, and of rich, heavy green, which color they retain until maturity. It is very desirable, both for family and market. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.25; gal. \$2.40; ¼ bu. \$4.50; ½ bu. \$8.65; bu. \$17.00.

EXTRA EARLY JERSEY—Week or ten days earlier than other pole lima. We recommend it to be a very profitable lima bean. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.25; gal. \$2.40; ¼ bu. \$5.40; ½ bu. \$8.65; bu. \$17.00.

KING OF THE GARDEN—A medium early variety; large pods. A general favorite with market gardeners. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.25; gal. \$2.40; ¼ bu. \$4.50; ½ bu. \$8.65; bu. \$17.00.

LARGE WHITE LIMA—Best for a general crop. A little later than other lima beans. Very productive. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.25; gal. \$2.40; ¼ bu. \$4.50; ½ bu. \$8.65; bu. \$17.00.

OLD FASHIONED SPECKLED—An old favorite. Bears from early to late. Medium size speckled seed. Pkt. 15c; pt. 35c; qt. 65c; ½ gal. \$1.20; gal. \$2.15; ¼ bu. \$4.00; ½ bu. \$7.65; bu. \$15.00.

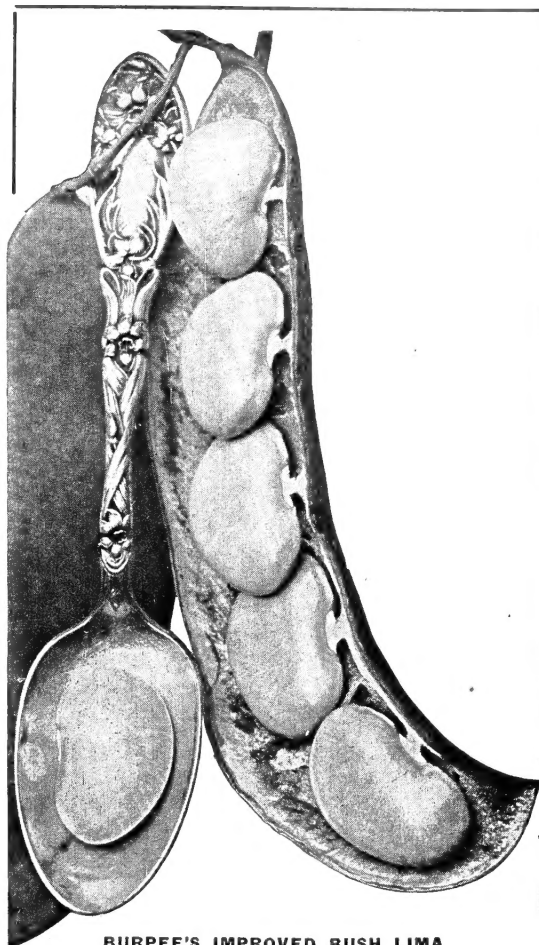
SMALL LIMA OR SIEVA—Heavy cropper; pods small, but well filled. Commonly called Butter Bean. About ten days earlier than other pole varieties. Pkt. 15c; pt. 35c; qt. 65c; ½ gal. \$1.20; gal. \$2.15; ¼ bu. \$4.00; ½ bu. \$7.65; bu. \$15.00.

GIANT BUTTER SPECKLED—Tall and strong plants, later than Florida Butter Speckled but with larger pods and beans. Seeds 4 to 5 per pod, large oval greenish white with reddish-brown mottling. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.25; gal. \$2.40; ¼ bu. \$4.50; ½ bu. \$8.65; bu. \$17.00.

BRUSSEL SPROUTS

Small shoots like miniature cabbages clustered around a stem are the valuable part of this unique member of the cabbage family. They are successfully grown wherever conditions are favorable for cabbage and require the same method of culture.

LONG ISLAND IMPROVED—Plant dwarf and compact; 20 inches tall; very uniform; stem well covered with firm, round cabbage-like balls of 1¼ to 1½ inches in diameter which mature in succession. Pkt. 10c; oz. 35c; ¼ lb. \$1.00



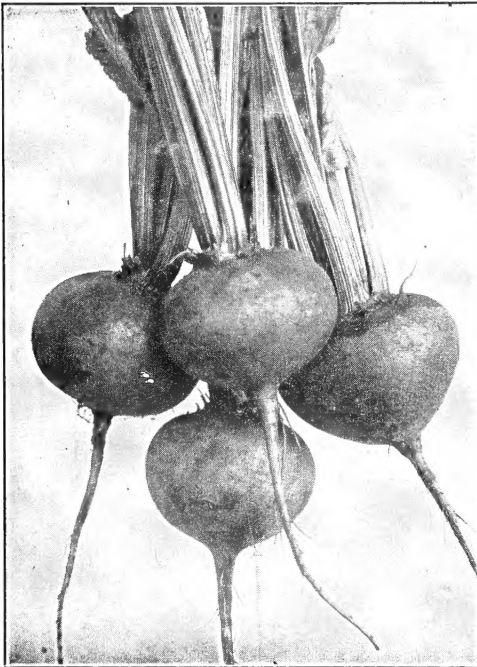
BURPEE'S IMPROVED BUSH LIMA

RED ARROW KILLS BEAN BEETLES

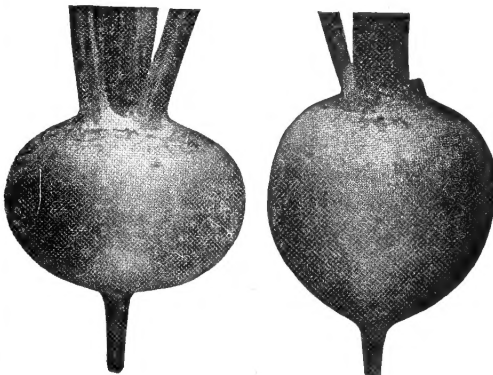


CARPINTERIA POLE LIMA

CHOICE TABLE BEETS

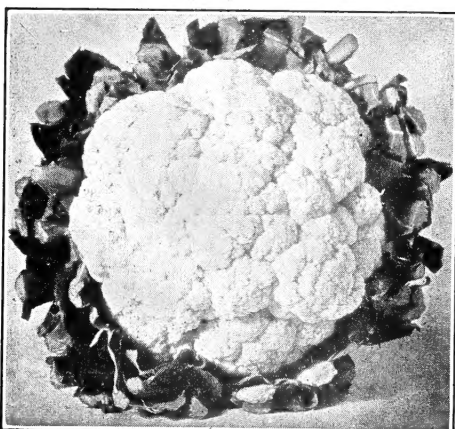


EARLY WONDER BEET



EXTRA EARLY DARK
RED BEET

DETROIT DARK
RED BEET



SNOW BALL CAULIFLOWER

CULTURE—For very early crop sow such varieties as Extra Early Dark Red or Crosby's Egyptian in hotbeds in January or February, and transplant. For general crops, sow in freshly prepared soil as soon as the ground will permit, in rows 12 to 18 inches apart, covering about an inch deep, and pressing the soil firmly over the seed. When the plants are well established, cut to three or four inches apart. One ounce will sow 50 feet. Drill six to seven pounds to the acre.

EXTRA EARLY DARK RED—This variety is exactly what its name implies, an extra Early Dark Red Beet of splendid quality for either forcing or first early crop outdoors, small tops, beets beautiful dark red color, very smooth, uniform in shape and size, small tap root. A field of these beets mature so evenly that every beet can be pulled in two weeks, about five days earlier than Crosby's Egyptian. Pkt. 10c; oz. 15c; ¼ lb. 40c; 1b. \$1.25; 5 lbs. \$6.00.

DARK CROSBY—Roots are remarkably uniform, very dark red, flesh deep purplish red with little tendency to zoning. One of the most popular and handsome of the early beets. Pkt. 10c; oz. 15c; ¼ lb. 40c; 1b. \$1.25; 5 lbs. \$6.00.

EARLY WONDER—It may be sown early and it matures rapidly, earlier than Crosby's Egyptian. Globe shaped, very uniform in size, and of a beautiful deep red color; a desirable sort for the home garden as well as for market. Pkt. 10c; oz. 15c; ¼ lb. 40c; 1b. \$1.25; 5 lbs. \$6.00.

DETROIT DARK RED—Leaves are dark green, shaded with red. The beets are medium sized, globular or nearly round, very smooth and of dark blood red color. The inside flesh is deep vermillion red, with zones of a slightly lighter shade. A desirable variety for bunching or packing in crates, on account of its uniformly deep rich red color. We especially recommend this variety for canning. Pkt. 10c; oz. 15c; ¼ lb. 40c; 1b. \$1.25; 5 lbs. \$6.00.

SWISS CHARD

SWISS CHARD (Lucullus)—An improved type, leaves, dark green, much crumpled and curled; mid-rib and veins white; stalks thick, broad and flat. Pkt. 10c; oz. 15c; ¼ lb. 35c; 1b. \$1.00.

MANGELS

MAMMOTH LONG RED—The largest of all Mangels and the heaviest cropper. They grow to an immense size, weighing sometimes 20 pounds. Pkt. 10c; oz. 15c; ¼ lb. 35c; 1b. \$1.00; 5 lbs. \$4.50.

GOLDEN TANKARD—Large, cylinder shape; immensely productive. Flesh yellow, zoned with white. Pkt. 10c; oz. 15c; ¼ lb. 35c; 1b. 1.00; 5 lbs. \$4.50.

CAULIFLOWER

CULTURE—Sow seeds in hot-bed in December or January. When plants are three inches high, transplant into cold frames, 2 to 3 inches apart, and plant out into field in March or April for heading.

SNOW BALL—Absolutely the finest strains of Snow Ball Cauliflower obtainable. Heads very early, good size, firm compact, solid and very white; plant compact in growth with four short, upright leaves. Pkt. 20c; ¼ oz. 75c; oz. \$2.50.

CELERY SEED

One ounce will produce 3000 plants; ¼ lb. will plant an acre.

DIRECTIONS FOR PLANTING—Celery may be started early in cold frames or indoor boxes, or when the weather becomes warm, plant outdoors in rows 8 to 10 inches apart, covering the seed one-half inch. When plants are advanced, thin out to 5 or 6 inches apart until ready for transplanting into trenches.

GIANT PASCAL—A home-garden variety, good for fall and winter storage. Plant large, stocky, with dark green leaves. Stalks long, broad, and solid; blanches to yellow-white; of excellent nutty flavor. Pkt. 10c; oz. 65c; ¼ lb. \$2.00.

GOLDEN SELF-BLANCHING—Plants compact and stocky, with yellowish-green foliage; stalks perfectly solid, of a fine nutty flavor, attains a good size; blanches a handsome golden yellow color. Pkt. 10c; oz. 75c; ¼ lb. \$2.25; 1b. \$7.00.

IMPROVED WHITE PLUME—A very early, handsome variety; leaves light, bright green; easily blanched a beautiful silvery-white color. A popular sort for first early market. Pkt. 10c; oz. 65c; ¼ lb. \$2.00.

COLLARDS

GEORGIA—A tall, loose leaved cabbage-like plant, is grown in different sections of the South for "Greens." Seed may be planted in the Spring or Fall. Pkt. 10c; oz. 15c; ¼ lb. 30c; 1b. 75c.

CABBAGE

CULTURE—The Early sorts should be sown in hotbeds the last of November to first of February, and transplanted in open ground in March or April. The second early sorts can be sown in open ground in March and transplanted in April, and the late varieties sown in open ground in May and transplanted in June. Good, rich mellow, sandy soil is best for cabbage. Cultivate often and draw the earth to the plants as they advance in growth. One ounce will produce about 2,500 plants.

EARLY JERSEY WAKEFIELD—Heads medium sized, pointed, compact, solid, excellent quality, plants are exceedingly hardy, not only in resisting cold but other unfavorable conditions. **Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$3.00.**

GREEN ACRE—An attractive strain of Golden Acre. The type and general characteristics are the same, but Green Acre holds its green color longer and is thus of added value to market gardeners and shippers. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.**

GOLDEN ACRE—An extra early selection of the Copenhagen type, and the earliest of the round headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.**

YELLOWS RESISTANT GOLDEN ACRE—Not as uniform as the regular type. **Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.**

COPENHAGEN MARKET—The earliest large round-headed cabbage. The plants are vigorous, with short stem and few outer leaves, the heads mature nearly all at one time, and will stand longer than the Wakefield before bursting. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.**

EARLY DWARF FLAT DUTCH—A good second early variety, an old favorite. The heads are medium size, almost round, firm, and of fine quality. **Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$2.75.**

MARION MARKET—A yellow resistant strain of Copenhagen Market. Larger and coarser in plant, and not so early nor so uniform as the original strain, but with the round head and crisp tenderness of the parent cabbage. Will produce a normal crop on yellows infected soils where non-resistant strains fail completely. 75 to 80 days. **Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.**

LOUISVILLE DRUMHEAD — Home Grown — For late Summer or Autumn planting. Plants are very vigorous and stands our hot dry weather better than any other variety. Heads very large, round, deep and excellent quality, especially fine for kraut. **Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.**

RED ROCK—Largest and surest heading red cabbage; more deeply colored at the heart than Red Dutch; medium to long stem. **Pkt. 10c; oz. 40c.**

SAVOY, PERFECTION DRUMHEAD—The best Winter keeper of the Savoy; heads late, round, compact and solid; leaves numerous, deep green and coarsely crimped. **Pkt. 10c; oz. 40c.**

WISCONSIN ALL SEASONS (Yellows Resistant)—Very valuable as a substitute for the regular All Seasons in localities infested with the destructive disease known as "cabbage yellows." **Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.**

PRIZE HEAD LATE FLAT DUTCH—One of the largest and considered one of the best late market sorts. Heads large and solid, and keep better than most of any other kind. **Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$2.75.**

CHINESE or CELERY CABBAGE

While generally referred to as a cabbage, this desirable vegetable is more nearly related to the mustard family. They generally bolt to seed when sown in early Spring, but when seed is sown at turnip seeding time, produce excellent heads during the cool Autumn season.

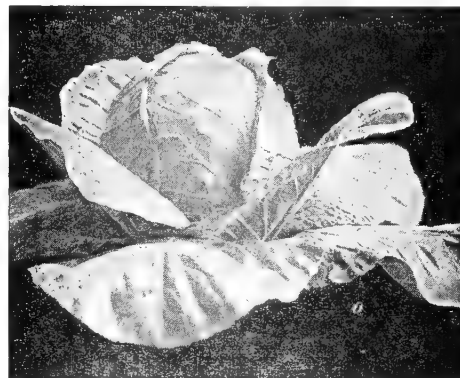
CHINESE CABBAGE (Chihih)—Earliest and most sure heading of the Chinese varieties. Plant of upright growth, producing long, solid, white cylindrical heads, two feet in length. Leaves very broad, smooth, fringed on edge, with broad, white mid-rib; superior quality. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

Hill Grown and Transplanted Vegetables

Mix an amount of plant food equal to a level tablespoonful thoroughly with the soil in the hill before planting. When transplanting mix one tablespoonful of VIGORO FERTILIZER with soil in bottom of hole, add one inch of soil and proceed to set out plant. It is well to leave a depression of about 1 inch around the plant. Fill with water immediately after planting to help settle the soil around the plant's roots as well as make the plant food available quickly for the plant's use.



GOLDEN ACRE



COPENHAGEN MARKET



LOUISVILLE DRUMHEAD



CHINESE OR CELERY CABBAGE

CARROTS



CHANTENY



EXTRA EARLY ADAMS CORN

CULTURE—For the table use, sow the early kinds just as soon as the ground can be worked in spring, in rich sandy soil well fertilized. Sow in rows, 16 to 18 inches apart and thin out to six and eight to the foot. For field culture and winter use, sow the seeds in June in rows 18 inches apart in rows. Hoe often and keep free from weeds. Sow from two to three pounds to the acre.

CHANTENY—A most excellent medium early half long variety, a very vigorous grower, and heavy cropper. Roots are thick, about six inches in length when matured, uniformly half long or stump rooted, but tapering slightly, smooth deep orange in color, easily harvested. The flesh is very crisp and tender, of fine flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

DANVERS HALF LONG—Grown largely on account of its great productiveness and adaptability to all classes of soil, it is a desirable second early Carrot for field culture. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

CHANTENAY RED CORED (Coreless)—Roots 5 to 6 in. long, 2 to 2 $\frac{1}{2}$ in. thick at the crown. Color deep orange-red. A fine medium early, half-long, stump-rooted carrot. Core reddish orange. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

NANTES HALF LONG—CORELESS—Roots 6 to 8 inches long, nearly cylindrical, blunt ended, smooth and of bright orange color. Flesh red, sweet and mild; almost coreless. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

IMPROVED LONG ORANGE—A large, long, smooth-pointed variety of deep orange color, requires light, deep soil and the whole season for it to mature. A splendid sort for stock feeding. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

OXHEART—Short, stocky and heart-shaped. It serves as a fine table variety when young. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

IMPERATOR—The roots are 7-8 inches long. Long. Tapering, deep solid orange, high quality, brittle, tender and sweet. Fine for home, market and shipping. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.60.

CORN

Sweet or Table Varieties

CULTURE—Plant as soon as danger of frost is over, in drills 3 to 3 $\frac{1}{2}$ feet apart, and drop from 12 to 18 inches in rows. If planted in hills, put three or four kernels in a place, having hills from 3 to 3 $\frac{1}{2}$ feet each way. The soil should be well pulverized and worked deep before planting. As soon as 2 or 3 inches high, cultivate thoroughly. After corn is knee high, cultivate with small-tooth cultivator and continue until tassels bloom. For succession, plant every two or three weeks. About 1 lb. to 250 hills, 10 lbs. per acre.

HYBRID SWEET CORN

STOWELL'S EVERGREEN HYBRID—Deep grained, sweet, white hybrid variety. Pkt. 10c; pt. 50c; qt. 85c; $\frac{1}{2}$ gal. \$1.60; gal. \$3.00; 10 lbs. \$4.80.

IONA—This sweet corn has a very large yellow ear, rich in flavor, very sweet, and has a heavy husk that comes up well above the top of the ear protecting it from ear worms and birds to some extent. It is rapidly gaining in popularity. Pkt. 10c; pt. 40c; qt. 70c; $\frac{1}{2}$ gal. \$1.20; gal. \$2.25; 10 lbs. \$3.50.

GOLDEN CROSS BANTAM—It is a bright yellow, has uniform ears about 8 inches long, ten to fourteen rowed, and of excellent quality. Matures about a week later than Golden Bantam. We recommend this variety highly for canning or table use. Pkt. 10c; pt. 40c; qt. 70c; $\frac{1}{2}$ gal. \$1.20; gal. \$2.25; 10 lbs. \$3.50.

HYBRID BLEND—This blend contains chosen types of Hybrid sugar corns that should insure a succession of roasting ears over a three-week period. Bright yellow, uniform ears of excellent quality. Pkt. 10c; pt. 40c; qt. 70c; $\frac{1}{2}$ gal. \$1.20; gal. \$2.25; 10 lbs. \$3.50.

BANTAM EVERGREEN—A cross between Golden Bantam and Stowell's Evergreen and a most excellent sort of fine quality. Grain rather broad and deep, of a rich golden-yellow color. Pkt. 10c; pt. 30c; qt. 50c; $\frac{1}{2}$ gal. 90c; gal. \$1.65; 10 lbs. \$2.40.

GOLDEN BANTAM—An excellent early Sugar Corn with golden yellow grains and a delicious flavor all its own. Our stock has been carefully selected. Pkt. 10c; pt. 30c; qt. 50c; $\frac{1}{2}$ gal. 90c; gal. \$1.65; 10 lbs. \$2.40.

COUNTRY GENTLEMAN—This variety has a small white cob, densely covered with zig zag rows of very slender, white grains of sweet delightful flavor. Pkt. 10c; pt. 30c; qt. 50c; $\frac{1}{2}$ gal. 90c; gal. \$1.65; 10 lbs. \$2.40.

STOWELL'S EVERGREEN—Standard main crop variety of Sugar Corn. Ears long, deep grained, and remains in roasting ear condition on the stalks longer than any other variety. Pkt. 10c; pt. 30c; qt. 50c; $\frac{1}{2}$ gal. 85c; gal. \$1.60; 10 lbs. \$2.30.

Prices on corn are not postpaid. If delivery by parcel post is wanted, sufficient postage should be added. See page 2 for parcel post rates.

CORN (continued)

EXTRA EARLY ADAMS—Earliest variety we offer and extremely hardy. Roasting ears are ready for use about July 1st. Pkt. 10c; pt. 35c; qt. 60c; ½ gal. \$1.00; gal. 1.80; pk. \$3.45; ½ bu. \$6.65; bu. \$13.00.

EARLY ADAMS—About ten days later than Extra Early Adams and larger. Pkt. 10c; pt. 35c; qt. 60c; ½ gal. \$1.00; gal. \$1.75; pk. \$3.35; ½ bu. \$6.40; bu. \$12.50.

EARLY NORTHERN WHITE FIELD—Excellent early field variety which is more largely planted than any other variety for the market around Louisville. Our stock is selected and unexcelled. Pkt. 10c; pt. 25c; qt. 40c; ½ gal. 70c; gal. \$1.15; pk. \$2.05; ½ bu. \$3.90; bu. \$7.50.

TRUCKERS FAVORITE—Late variety of the Adams type; ears very large; handsome, a splendid sort for market. Pkt. 10c; pt. 20c; qt. 50c; ½ gal. 80c; gal. \$1.50; pk. \$2.35; ½ bu. \$4.40; bu. \$8.50.

POP CORN

WHITE RICE—This productive variety supplies delicious popped corn. Pkt. 10c; pt. 25c; qt. 40c.

GOLDEN QUEEN—Kernels rich golden yellow. Pkt. 10c; pt. 25c; qt. 40c.

YELLOW HYBRID—A fine yellow corn for popping. Pkt. 15c; pt. 50c; qt. 90c; 10 lbs. \$5.00.

CUCUMBER

CULTURE—In February or March, plant seeds in hotbeds, when there is no danger of frost plant out in rich ground, in hills from four to five feet apart or plant seed in open ground as soon as the weather is warm, in hills four feet apart. Plant about 10 to 12 seeds in a hill and cover one-half inch deep with fine soil. Hoe often and when out of danger of insects, thin out plants, leaving four to a hill. For pickling plant from June to August.

A. & C. SPECIAL—White Spine. A very desirable market cucumber because of its uniform length and intense dark green color. A vigorous, high yielding variety. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.25.

STRAIGHT EIGHT—As its name indicates it grows very straight; a long, slender fruit with a slight taper at each end averaging about eight inches and the color is an intense dark green. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

WHITE SPINE—It is early, very vigorous, productive and disease resistant. Fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; extra fine for slicing, delightful flavor, color rich dark green which does not turn yellow or fade when shipped a long distance. The Market Gardeners Favorite. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

EARLY FORTUNE—One of the finest types of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

DAVIS PERFECT—A long dark green type of white spine, a splendid variety for shipping as it retains its dark green color and good qualities long after being picked. Handsome fruits long, smooth, and tapering at both ends; flesh crisp, solid with few seeds. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

LONG GREEN IMPROVED—A standard late, well known table sort 12 to 14 inches long, they are uniformly slender, more or less warted, and of beautiful dark green color, a splendid variety for slicing, also pickles. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

SNOW'S PERFECTED PICKLE—The best for pickling, fruits are early, small and uniform; dark green color, they are square ended which makes them fine for bottling. Our stock is very select. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.65.

GHERKIN—Grown exclusively for pickles. Fruits very small, oval and covered with spines; color light green. The seed is slow to germinate, usually requiring about twenty days. Pkt. 10c; oz. 20c; ¼ lb. 70c; lb. \$2.50.

WHITE WONDER—It is white at all stages of growth; medium late, and the ends are square in the fully-developed fruits. Grows about 8 inches long. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

DILL

MAMMOTH—An herb used in the making of "dill pickles". Both seeds and leaves are used. The seedlings should be thinned out as they do not transplant well. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

EGG PLANT

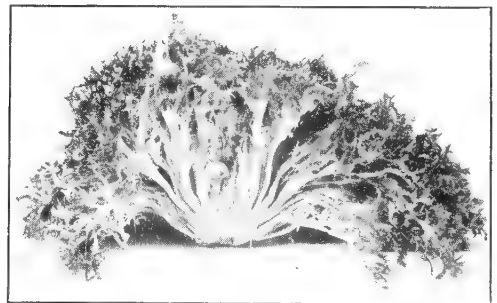
CULTURE—Sow in hotbeds early in spring and transplant the young plants when they are 2 or 3 in. high in another bed, 3 in. apart. At the end of April or first of May, plant them in very rich soil, 2 ft. apart. Hoe often, and draw soil towards plant. One ounce will produce 1,000 plants. Use Slug Shot to prevent bugs.

EARLY BLACK BEAUTY—Some earlier than the New York Improved; is a rich glossy dark purple, smooth and perfectly shaped. Very desirable for market. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

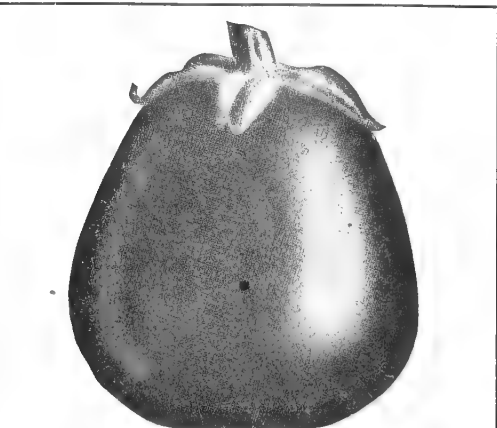
NEW YORK IMPROVED PURPLE (Spineless)—Favorite market variety. Plant large, spreading and spineless, producing 4 to 6 large oval fruits of dark purple color. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.



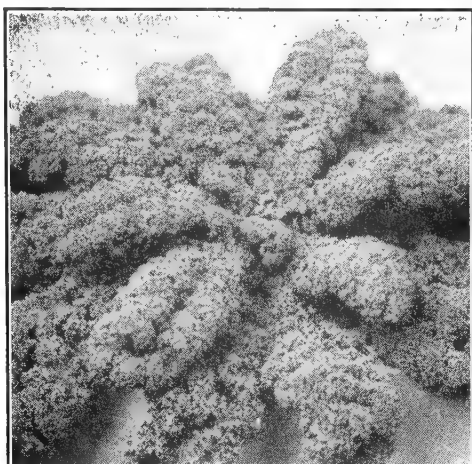
WHITE SPINE CUCUMBER



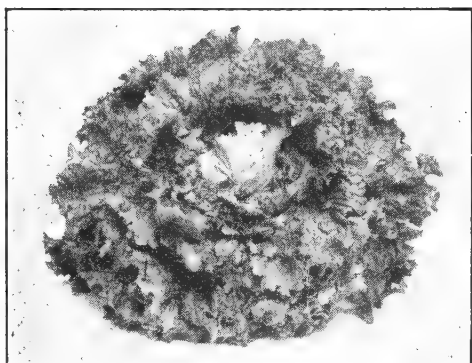
A CUT HEAD OF
GREEN CURLED ENDIVE



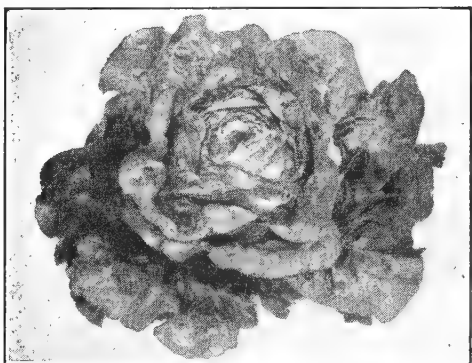
BLACK BEAUTY EGG PLANT



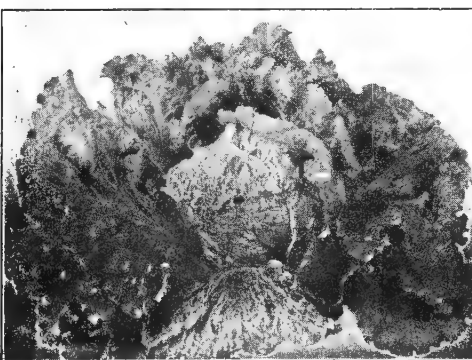
BLUE CURLED SCOTCH KALE



GRAND RAPIDS LETTUCE



BIG BOSTON LETTUCE



NEW YORK LETTUCE

ENDIVE

CULTURE—Sow from May to August in drills and cover lightly. When the plants are up, thin out from 8 to 10 inches apart. When the leaves are eight inches long, bleach them by tying them together near the top. One ounce will sow 20 feet square.

LARGE GREEN CURLED—The leaves are crisp, tufty and full, midrib pure white, with large tender white heart. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

ROSE RIBBED—Green Curled. The midribs of the outer bright green leaves are usually tinged with rose. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

KALE

CULTURE—Sow middle of April until last of August, broadcast. Kale is very hardy and is best when touched by frost. One ounce will produce 2,500 plants. Two pounds to the acre.

SPRING OR SMOOTH—The best for sowing in the early spring. Makes a quick growth of large, smooth leaves. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 40c; 5 lbs. \$1.50.

IMPROVED CURLED SIBERIAN—One of the best known and largely used varieties. Leaves are dark green and nicely curled. Very hardy. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00; 5 lbs. \$4.50.

BLUE CURLED SCOTCH—Leaves blue green, very showy, hardy. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

KOHL RABI

CULTURE—Sow from March to July and treat same as cabbage only in hoeing be careful not to heap too much soil about them. Plant in rows one foot apart and 8 to 10 inches apart in the rows. One ounce will produce about 2,000 plants.

EARLY WHITE VIENNA—Best for main crop. Bulbs are large, white, and of best quality. Remains tender longer than any other sort. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

LEEK

CULTURE—Sow in early spring in drills and when two inches high thin out to 1 inch apart. When the plants are 6 inches high, transplant in rows one foot apart and six inches apart in rows. Hoe often and draw the soil up to them as they grow. One ounce will produce about 2,000 plants.

LARGE FLAG—A popular old sort. Makes large round stalks. Very hardy. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

LETTUCE

CULTURE—Beginning early in the spring, lettuce should be sown every two or three weeks until the middle of August. One-half ounce of seed to 100 feet of drill.

GRAND RAPIDS—For greenhouse forcing this variety stands undoubtedly at the head of the list. The plant grows in loose clusters, and is very attractive. Leaves are bright green color, savoyed, and finely crimped at the edges. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

SLOBOLT—Is similar to Grand Rapids in general appearance and its outstanding feature is its reluctance to bolt even in hot weather. In the home garden it may be used as a picking lettuce over a considerable period of time. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

BLACK SEEDED SIMPSON—One of the best curled lettuce for early outdoor culture. Excellent quality. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

NEW YORK (Wonderful)—A very large, late, globular heading variety; leaves broad of thick texture, fairly blistered and crumpled, and the borders frilled; color clear dark green; quality good. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

ICEBERG—A large, late, crisp cabbage-heading variety; heads very firm, hard and well balanced; leaves unusually broad and quite blistered and crumpled, borders finely frilled; color medium green with faint brown tracing on the border; quality good. Too brittle to be a good shipping variety. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

TRIANON COS (Romaine)—Medium large, strictly self-closing lettuce, making a well blanched, firm loaf-shaped head. Color medium dark green. Excellent quality. Also called "White Paris Cos." Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

BIBB—A small early, crisp heading variety; plant very compact, forming a hard, globular, well blanched head; leaves broad, crumpled and twisted; color dark green, quality good. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

BIG BOSTON—The plants are large, very hardy and vigorous, the outside leaves in color are bright, light green, and being strong protect the heart when shipping. The inner leaves blanch to an attractive greenish white tinged with light yellow. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

GREAT LAKES—Iceberg type of lettuce. It stands heat and sun extremely well and is slow in throwing its seed head. It is also resistant to tip burn. Outstanding for home gardeners. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

MUSK MELON or CANTALOUPE

CULTURE—Plant during May and June in hills five to six feet apart. Select high ground if possible, most preferably a sandy loam. If soil is not very fertile, use well rotted manure in hills. Cultivate shallow and very often and continue cultivation as long as practical. Put from 10 to 12 seeds in each hill and after plants are two or three inches high and free from danger of destruction by insects, thin out to three or four. One ounce will plant about 50 hills; 2 to 3 pounds to the acre.

EARLY KNIGHT—Green flesh netted Rocky Ford type. Melons are about one-third larger and come in about 10 days earlier than Rocky Ford. Fruit is distinctly ribbed and closely netted, flesh sweet, solid and good flavor. Seed cavity small, vines are very vigorous; immune from blight, rust and other diseases. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

HONEY ROCK—Also called Sugar Rock. A new melon originating in Indiana. Very popular on account of its higher yield and excellent quality. The fruits are salmon-fleshed, medium size, almost round, skin gray-green with heavy coarse netting. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

ROCKY FORD—One of the most popular and most cultivated of all musk melons. Slightly oval in shape, flesh thick, green, very sweet and of finest flavor. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

GOLD LINED ROCKY FORD—The flesh is beautiful light green with gold lining next to the seed cavity which is very small. Delightful flavor and showy. The melons are well netted, good sized and mature earlier than regular type Rocky Ford. Don't fail to plant some of this variety. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

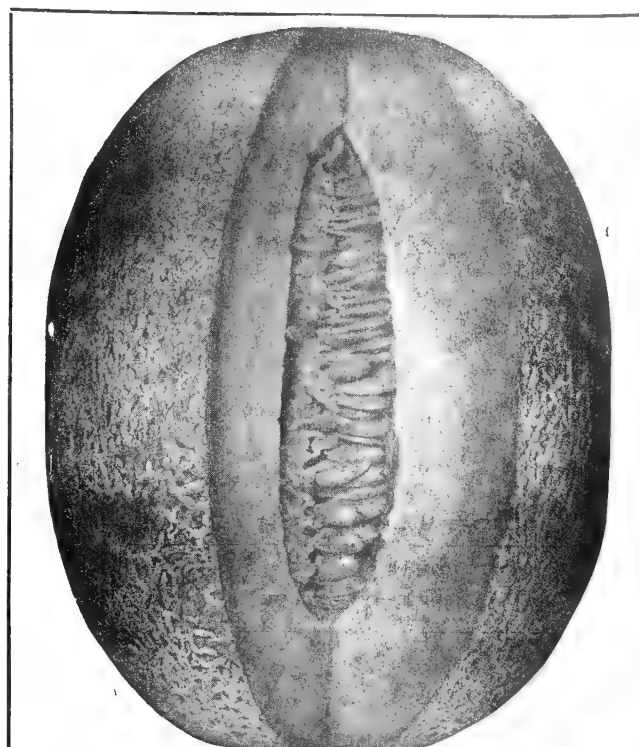
HALE'S BEST—Salmon fleshed Rocky Ford. This is a new variety developed by careful selection from Eden Gem. Absolutely the best variety for shipping. Hale's Best has the deepest flesh, smallest seed cavity and more salmon color than any other type of salmon fleshed Rocky Fords. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

HONEY DEW—The rind is light green, the flesh very sweet and of a darker green color. A splendid keeper and shipper. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

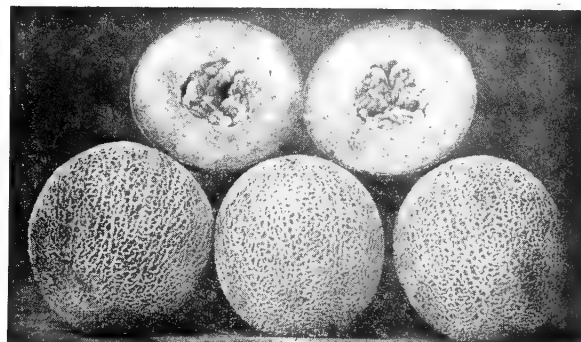
TIP TOP—In shape varies from round to slightly oblong; skin pale green, distinctly ribbed and fairly well covered with shallow netting. The melons are rather large. Flesh is deep yellow, rich and highly flavored. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

HEARTS OF GOLD—An ideal shipper and desirable mid-season melon for home market gardeners. Medium sized, vigorous and productive. Fruits nearly round, 5 inches in diameter, slightly ribbed, netted densely, small seed cavity. Flesh is thick, firm and of delicious flavor. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

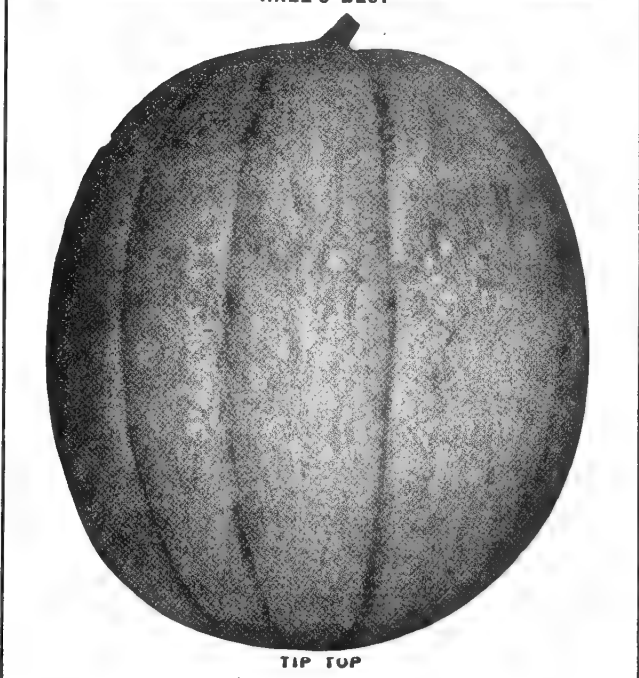
PRIDE OF WISCONSIN—Oval fruits 6½ by 6 inches, weighing about 3½ lbs., with faint ribbing and pearly gray rind covered with coarse netting. Thick, orange flesh, small seed cavity, sweet and fine flavor. Adapted to home gardens and short distance shipping. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.



EARLY KNIGHT



HALE'S BEST



TIP TOP

MUSTARD

CULTURE—Mustard is largely used as a salad or boiled like spinach. Sow early in spring; or, for succession, sow every few weeks till autumn. Sow broadcast or in drills.

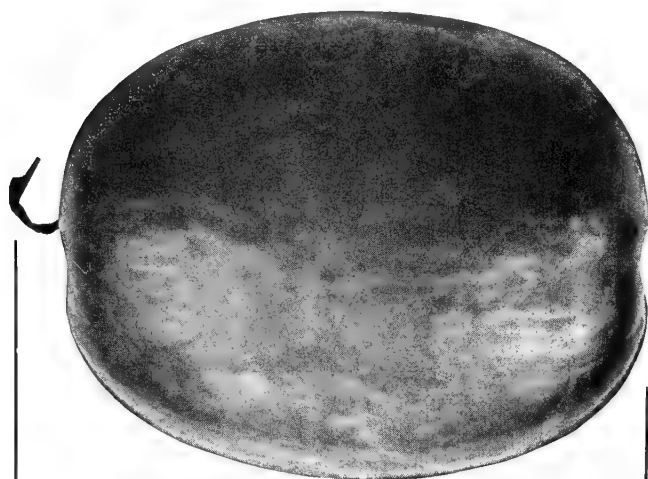
SOUTHERN GIANT CURLED—Leaves large, light green, tinged with yellow crimped and frilled at edges. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 75c; 5 lb. \$3.50.

FORDHOOK FANCY—The plants are of vigorous growth, have beautiful dark green leaves which curve outward like fine ostrich plumes. A handsome variety of strong growth, yielding a large quantity of greens. Plants stand a long time before bolting to seed. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 75c; 5 lb. \$3.50.

WHITE LONDON—Plant of rapid, upright growth, soon going to seed; leaves rather small and smooth, deeply cut or divided; color deep green; seed large, light yellow. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

BLACK OR BROWN—Considered more pungent than White London; leaves oblong, broad and cut; seed reddish-brown. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

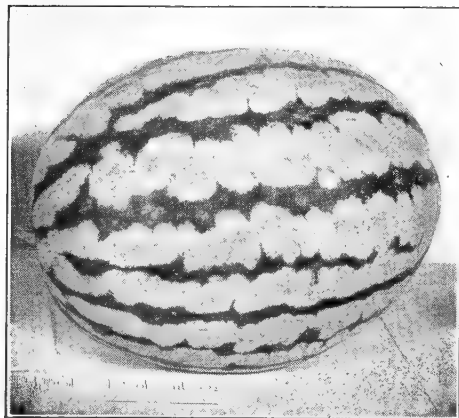
MUSTARD SPINACH—Can be cut 4 weeks after planting. Large oblong leaves, dark green, cooked and prepared for table same as Spinach, Turnip or Mustard greens. Will stand extreme Summer heat and is resistant to cold. Also known as Tendergreen. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 75c.



THE FAMOUS STONE MOUNTAIN MELON
FROM DIXIELAND



WONDER MELON, OR IMPROVED
KLECKLEY'S SWEET



WATERMELON—DIXIE QUEEN

WATERMELONS

CULTURE—A hill of watermelons spreads over a large space and should be planted in hills from eight to ten feet each way in order to give them plenty of room. Mix thoroughly with the soil for each hill a forkful of well rotted manure and put about one inch fresh earth over the manured soil. The seed should not be planted until the ground becomes warm and dry. Put 10 to 12 seeds to the hill. After plants are good and strong, thin out to 3 or 4 to the hill. Cultivate often, keep weeds down.

DIXIE QUEEN—An enormous yielder. Vines of vigorous growth. Melons in form round to oval. Skin striped light and dark green. Good size. Flesh, bright red. Crisp and splendid quality. Good shipper. Seeds very small white, and very few in each melon. One pound of Dixie Queen seed will plant twice as much ground as most other large type seed, medium early. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

EARLY KANSAS—Largest of all early melons. Matures 10 days earlier than Tom Watson. Flesh, bright red, very sweet flavor, melts in your mouth, solid to the rind which is about ½ inch thick, nearly round light green with broad wavy stripes. Melons weigh 30 to 60 pounds, occasionally 80 pounds. Very few seeds, red when green, buff color when dry. A good shipper. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

WONDER MELON OR IMPROVED KLECKLEY SWEET

This improved strain has the same red flesh, delicious sweetness and all the other splendid qualities that made Kleckley's Sweet such a favorite. The improvement has been along the line of size and shipping qualities. It is not at all unusual to have them weigh 75 pounds, yet the rind is thin, but so tough that Improved Kleckley's Sweet qualifies for long-distance shipping. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.40; 5 lbs. \$6.50.**

STONE MOUNTAIN—Fruits very large, oval round; medium green, rind thin but fairly tough. Flesh rich scarlet and very sweet. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50; 5 lbs. \$8.25.**

KLECKLEY SWEET—For home use and nearby market this popular variety is unquestionably the leader and favorite. The melons are medium to large, oblong, tapering slightly toward the stem end, dark green, very attractive. Flesh bright rich red; extra sweet, ripening right up to the thin rind which is so little and tender that it will not stand shipping, the fruit bursting open if subjected to even a slight jar. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.40; 5 lbs. \$7.00.**

DARLINGTON—Has created a sensation wherever introduced. Conceded to be one of the most delicious of all melons. They grow long and big up to 60 pounds. Bright red flesh, rind striped. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

WATERMELLON

WILT RESISTANT

BLACKLEE—Wilt Resistant. Dark green, oblong, tough rind melon. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

LEESBURG OR WILT-RESISTANT KLECKLEY'S SWEET—In every way fully equal to our standard strain of Kleckley's Sweet in quality and size, with the distinct advantage of being wilt resistant. It marks a conspicuous advance in the development of this universally popular melon for growing on wilt-sick soils. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

HAWKESBURY—Of the Irish gray type; long and of light gray with fine veining of green. Flesh dark pink of good quality. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

KLONDIKE, R-7—Vines vigorous and prolific, fruits oblong, thin tough rind. Flesh bright deep red, of fine quality. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

WATERMELONS—Continued

FLORIDA GIANT—Very productive. Fruits dark green, nearly round; flesh firm and red; of excellent quality. Ships well. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

HALBERT HONEY—Very similar to Kleckley Sweet except the melons are more evenly shaped, and the rind will average darker green in color with a slight tracing or indentation, has all the good qualities of Kleckley Sweet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.40.

TOM WATSON—It is a splendid melon for shipping, for nearby markets and for home use, a large, long melon, medium green color and handsome appearance, the flesh is rich red, sweet and tender, the rind is thin and tough, making it especially adapted to shipping. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.40.

GARRISON—A melon colored similar to Georgia Rattlesnake but more round. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

OKRA

CULTURE—Plant about the middle of spring, after the ground has become warm, in drills three feet apart, and thin out plants to about a foot apart in the row. Hoe often and draw the soil up to the stem. The ground should be well fertilized. One ounce will sow about 20 feet of drill; five or six pounds to the acre.

CLEMSON SPINELESS—Developed by the South Carolina Experiment Station. All-America Silver Medal for 1939. A very uniform, spineless variety. Plant has less foliage than Perkins'; pods rich green, angular, ridged. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

IMPROVED DWARF GREEN—Dwarf, stocky growth, pods short, thick and tender. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

WHITE VELVET—Tall variety, producing long, slender velvety pods. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

ONION SEEDS

CULTURE—The ground for onions should be a light loamy soil, and should be ploughed very deep and well fertilized. Sow the seeds in drills 10 to 12 inches apart, about one inch deep. Hoe often and keep free from weeds. One ounce of seed will sow a 50-foot row. It takes 3 to 5 pounds to sow an acre to make large onions, and 40 to 50 pounds to the acre for sets.

YELLOW DANVERS—The best known and most generally used yellow onion, color bright orange-yellow. A good keeper and of good size. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

WHITE SILVERSKIN—The most popular variety for extensive set growers. Sets are of a flattish shape. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

PRIZETAKER—One of the largest onions grown and the mildest; is productive and a sure cropper; bulbs are globe-shaped and of a light straw color. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50.

SOUTHPORT WHITE GLOBE—Of the true Southport Globe form with a thin, delicate skin of purest paper whiteness; flesh is very crisp, fine-grained, snow-white in color and exceedingly mild; usually commands the highest price in market. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

SOUTHPORT YELLOW GLOBE—The bulbs are a true deep globe, having a small neck and a heavy thick skin which makes it an excellent storage sort; the color is a deep yellow or golden-brown, quite distinct from most stocks of this variety. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

EBENEZER OR "JAPANESE"—The onions are not unlike Yellow Globe Danvers in shape and size, but are superior in flavor and keep longer. They are firm, solid, have a thin skin, and are agreeably mild. Also planted extensively to produce small sets for the following season. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.75.

ONION SETS

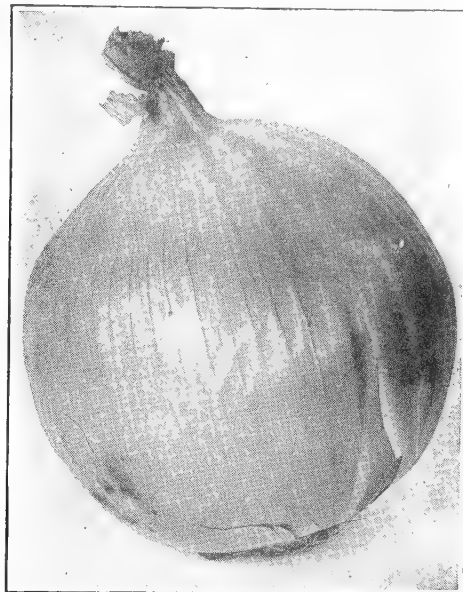
CULTURE—Plant very early in the spring, if large onions are wanted for winter use; plant in rows four inches apart, half an inch deep and 12 to 14 inches between the rows. Do not entirely cover the set. Cultivate often, but not very deep. Plant potato onion sets in the fall in rows 12 to 15 inches and 6 to 9 inches apart in the row. In order to grow the small green onions for early spring, plant the large potato onions. If the large onions are wanted for winter uses, plant the small onions or sets.

White Onion Sets, lb. 30c; 4 lbs. \$1.00.

Yellow Onion Sets, lb. 25c; 4 lbs. 90c.

Ask for Prices on Larger Lots

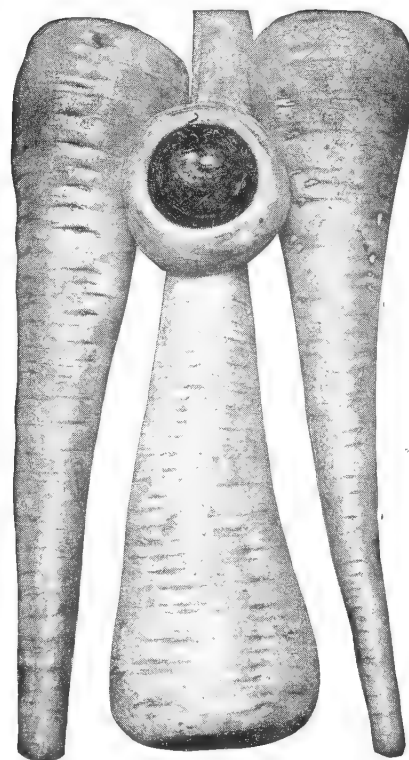
Prices F.O.B. Louisville, Ky., Postage Extra.



PRIZETAKER ONION



WHITE SILVERSKIN ONION SETS



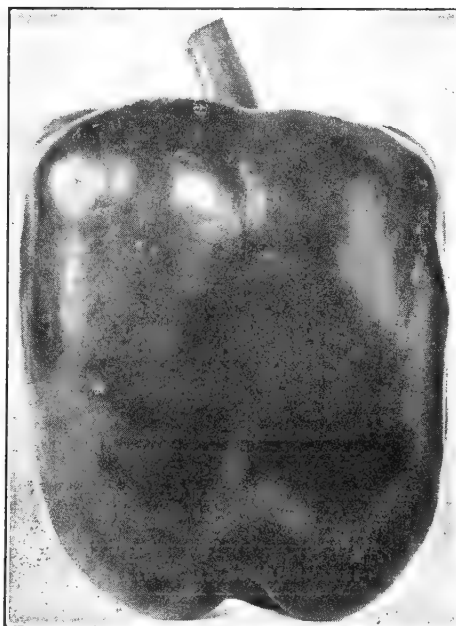
SUGAR OR HOLLOW CROWN PARSNIP



WORLD BEATER



BON TON PEPPER



CALIFORNIA WONDER PEPPER

PARSNIPS

CULTURE—Sow during spring in drills one inch deep, drill 12 to 18 inches apart, and when two or three inches high thin out from four to six inches apart in the rows. Hoe often. Soil should be deep and rich. One ounce will sow about 100 feet of drill; 4 or 5 pounds to the acre.

SUGAR OR HOLLOW CROWN—A standard variety, making long, smooth, white roots, uniform in shape. Tender and well flavored. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

LOUISVILLE SPECIAL—This variety is grown extensively in this vicinity. The extra deep hollow crown and being short and very thick shouldered, it commands the highest market price. Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$3.00.

PARSLEY

CULTURE—Sow the seed in spring in drills one foot apart. If wanted for winter transplant in cold frames. Seed should be soaked in warm water a few hours before sowing, as it is very slow to germinate. One ounce will sow about seventy-five feet of drill; five or six pounds to the acre.

CHAMPION MOSS CURLED—Leaves are crimped and curled most beautifully. Most popular variety. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.

PEPPERS

CULTURE—Sow in hotbeds in March or in seed beds about the middle of spring, in light, warm soil. When the weather becomes warm transplant the plants, 15 to 18 inches apart each way and earth up a little when hoeing. One ounce will produce about 1,500 plants.

CALIFORNIA WONDER—Resembles Chinese Giant in the large size and "blocky" form of its fruit, but having an extremely thick flesh not possessed by that variety; crimson fruit. Measures 4½ in. in length by 4 in. in diameter, mild and sweet; mid-season. Pkt. 10c; oz. 75c; ¼ lb. \$2.25; lb. \$7.00.

HARRIS' EARLY GIANT—Deep green turning to brilliant red; flesh thick and of a very sweet, pleasant flavor; a valuable variety for the home garden and a profitable one for market. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

CHINESE GIANT—Largest pepper in cultivation; double the size of the Bell or Bull Nose. They grow four to five inches wide at the top and about the same length. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

OAKVIEW WONDER—An earlier and more productive strain of California Wonder developed by line breeding at our Oakview Seed Breeding Station. Fruits blocky, smooth, with thick, mild, sweet flesh. Plants shorter and stockier than California Wonder but fruits are set earlier and more abundantly. An outstanding strain unsurpassed for shipping or for the home and market garden. Pkt. 10c; oz. 65c; ¼ lb. \$1.75.

LARGE BELL OR BULL NOSE—Best known variety. Pods extra large, mild, thick rind and fleshy. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

RUBY KING—Medium hot pepper, making large pods of ruby-red color. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

WORLD BEATER—A beautiful pepper, being a cross between the Chinese Giant and Ruby King. It combines the large size and productiveness of the Chinese Giant and the earliness, attractive shape and color of the Ruby King. The flesh is mild and sweet and may be used for stuffing or sliced like cucumbers and served with tomatoes. The skin is smooth and colors evenly all over. One of the most attractive peppers in our list. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$5.50.

PIMIENTO—A very thick fleshed, heart-shaped smooth, mild, crimson variety, much used for salads; fruit pendent; 3½ in. long by 2½ in., greatest diameter; rather late in season. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.50.

LONG RED CAYENNE—Sometimes called Lady Finger. Long, hot, bright red pods. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.50.

VEGETABLES — FLOWERS

Disease Control—Better Stands—Sturdier Plants
with SEMESAN

Don't trust to luck for success with vegetables and flowers. Do what you can to control conditions. Treat your seeds, corms, bulbs, and seedlings with Semesan! Used as a dust or in solution with water, Semesan reduces seed rotting and damping-off, is highly effective against many seed-borne diseases, even prevents contamination of the soil by certain seed-borne diseases. One ounce treats 15 to 30 pounds of seeds at a cost of ¼ cent to 1 cent a pound of seed.

PRICES

1/3 oz. Packet 12c, 2 oz. 45c, 12 oz \$2.10

May be mailed.

SELECTED GARDEN PEAS

CULTURE—Plant as soon as the ground can be worked. For a succession, plant at intervals of two weeks throughout the season. Plant in rows, the dwarf kind about two feet apart, and the taller kind from four to five feet apart and about an inch apart in the rows and two inches deep. Hoe often. When well up, set brush along the rows corresponding with the height of pea cultivated. One pound will plant 30 feet of drill; 125 pounds to the acre. If preferred, a succession may be had with one planting, by using one each of the varieties, such as Extra Early Alaska or New Claudit for early, Sutton's Excelsior or Gradus for medium, and Telephone or Summer Queen for late.

Prices on peas are not postpaid. If delivery by parcel post is wanted, sufficient postage should be added. See page 2 for parcel post rates.

EXTRA EARLY ALASKA—The seed small, smooth and bluish-green in color; vines are uniform in growth and early maturity of pods, which are well filled with medium sized, bright green peas. They can be planted very early, as it will not rot as easily as the wrinkled variety. **Pkt. 10c; pt. 30c; qt. 50c; ½ gal. 85c; gal. \$1.45; pk. \$2.60; ½ bu. \$4.90; bu. \$9.50.**

EARLY MAY—Has about the same growth and size of the Extra Early Alaska, except the seed peas are white in color. It is a good producer of well-filled light green pods. **Pkt. 10c; pt. 25c; qt. 45c; ½ gal. 80c; gal. \$1.40; pk. \$2.50; ½ bu. \$4.65; bu. \$9.00.**

LAXTON'S PROGRESS—The earliest large podded dwarf sweet pea. Height 18 inches. In season four days earlier than Laxtonian. Pods 4 inches long, broad and pointed, deep green in color, containing 8 large, dark green peas of high quality. **Pkt. 10c; pt. 35c; qt. 60c; ½ gal. \$1.00; gal. \$1.90; ¼ bu. \$3.50; ½ bu. \$6.65; bu. \$13.00.**

LAXTON'S SUPERB—A hard, semi-wrinkled, blue-seeded extra early variety, growing 18 to 20 inches in height with deep green 4 inch semi-broad, pointed pods; of fair quality. Desirable as a garden-er's first crop pea, standing very early planting. **Pkt. 10c; pt. 35c; qt. 60c; ½ gal. \$1.05; gal. \$1.95; ¼ bu. \$3.60; ½ bu. \$6.90; bu. \$13.50.**

ALDERMAN—Of the Telephone type but with darker pods and peas. Height 4 feet. Vine strong and stout, medium green; pods 4¾ in. long, very broad, dark green, pointed, straight, though slightly curved at the point, containing nine large, medium green peas of finest quality. **Pkt. 10c; pt. 35c; qt. 65c; ½ gal. \$1.10; gal. \$2.00; ¼ bu. \$3.75; ½ bu. \$7.15; bu. \$14.00.**

LITTLE MARVEL—A productive sort, the vines growing 15 to 20 in. tall, dark green and vigorous. Pods 2½ to 3 in. long, ½ in. wide, containing 6 or 7 large, dark green peas. Pods plump, straight, blunt ended and frequently borne in pairs. **Pkt. 10c; pt. 35c; qt. 60c; ½ gal. \$1.10; gal. \$1.90; ¼ bu. \$3.50; ½ bu. \$6.65; bu. \$13.00.**

PRIDE OF THE MARKET—One of the best second early sort; produce large, broad, dark green pods, generally grown in pairs, well filled and of fine flavor. **Pkt. 10c; pt. 35c; qt. 60c; ½ gal. \$1.00; gal. \$1.90; ¼ bu. \$3.50; ½ bu. \$6.65; bu. \$13.00.**

TELEPHONE—An old standard, high quality, large podded pea. Height 4 feet. Vine and foliage strong and heavy, medium green. Pods 4½ in. long, medium light green, straight, broad and pointed, containing 8 large light green peas, main crop, productive. **Pkt. 10c; pt. 35c; qt. 60; ½ gal. \$1.00; gal. \$1.85; ¼ bu. \$3.35; ½ bu. \$6.40; bu. \$12.50.**

LAXTONIAN—A very fine dwarf wrinkled variety; excellent for market or home use. The pods are dark green and very large, averaging five inches in length, crowded with six to eight very large peas of fine quality. **Pkt. 10c; pt. 35c; qt. 65c; ½ gal. \$1.10; gal. \$2.00; ¼ bu. \$3.75; ½ bu. \$7.15; bu. \$14.00.**

GRADUS OR PROSPERITY—Pods are extra large and well filled with big, plump peas, sweet and luscious. **Pkt. 10c; pt. 35c; qt. 60c; ½ gal. \$1.00; gal. \$1.90; ¼ bu. \$3.50; ½ bu. \$6.65; bu. \$13.00.**

THOMAS LAXTON—Height 2½ feet. Vines prolific and moderately stout. Pods medium green, 3 to 4 inches long, straight, nearly round and square ended, containing 6 to 8 dark green peas of superior quality. Same season as Gradus but more productive. **Pkt. 10c; pt. 35c; qt. 60c; ½ gal. \$1.00; gal. \$1.90; ¼ bu. \$3.50; ½ bu. \$6.65; bu. \$13.00.**

SUGAR, DWARF (Edible Pods)—One of the best of the Sugar Peas, growing 4 ft. high and very productive; seed large gray, much wrinkled. **Pkt. 10c; pt. 30c; qt. 50c; ½ gal. 95c; gal. \$1.75; ¼ bu. \$3.20 ½ bu. \$6.15; bu. \$12.00.**

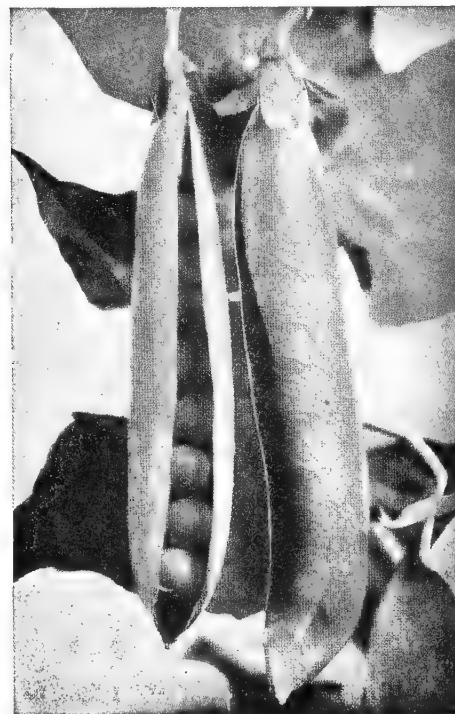
WHITE MARROWFAT—A standard variety, and well known. **Pkt. 10c; pt. 35c; qt. 60c; ½ gal. \$1.05; gal. \$1.95; ¼ bu. \$3.60; ½ bu. \$6.90; bu. \$13.50.**

LARGE BLACK EYE PEAS—Grow your own for summer use green and winter use dry. **Pkt. 10c; pt. 40c; qt. 75c.**



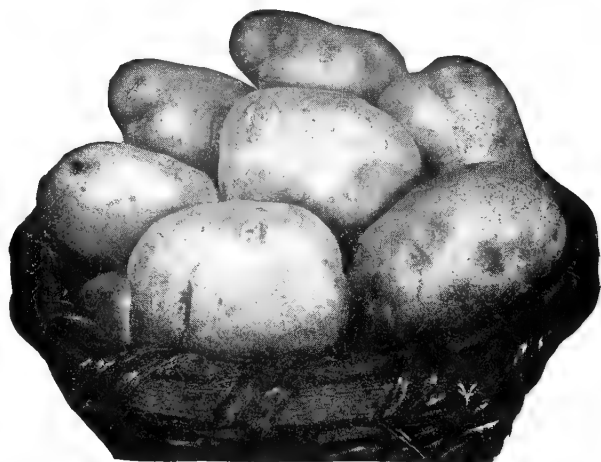
MAMMOTH PODDED EXTRA EARLY

An extra early Mammoth Podded Pea, maturing about with Alaska, with pods 25% larger, and much more productive, vines robust, heavy and dark green, height about 3 feet, pods dark green, 4 inches long, containing six to eight light green peas, bound to take first place with Market Gardeners. **Pkt. 10c; pt. 35c; qt. 65c; ½ gal. \$1.10; gal. \$2.00; ¼ bu. \$3.75; ½ bu. \$7.15; bu. \$14.00.**



LAXTONIAN

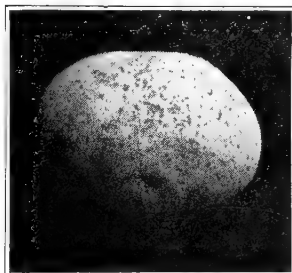
SEED POTATOES



IRISH COBBLER POTATOES

POTATOES

Lower Costs and Better Potato Yields
with Improved SEMESAN BEL



Rhizoctonia reduces the quality
and yield of potatoes.



Scab pits potatoes and makes
them unsalable.



The spotty stand of potatoes on the left grown from untreated seed did not produce as large a yield as the fine stand of vigorous plants on the right from Improved Semesan Bel treated seed.



Simply mix, dip, drain, dry and your seed potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Semesan Bel effectively controls such seed-borne disease organisms as scab, Rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 60 to 80 bushels of seed.

Prices: 2 oz. 35c; 1 lb. \$1.83; 4-lbs. \$6.33.
(2 oz. treats 6 to 8 bushels)

CULTURE—Plant about four inches deep in rows 28 to 34 inches apart, and drop the potatoes 12 to 15 inches apart in the row. The soil should be well manured or well fertilized. A ridge should be thrown over the potatoes after planting and then level down just before the potatoes come through, and cultivate well until in bloom, and then ridge up again and leave alone until harvested. Use JOHN DEERE POTATO PLANTERS AND DIGGERS.

IRISH COBBLER—We believe we are safe in saying that 75 per cent of all the extra early potatoes planted today are Cobblers. Its popularity is based principally on its extreme earliness, but is also based on its reputation as a reliable and uniform yielder. One of its strong characteristics is that it makes few if any very small potatoes, practically all being medium to large size, and you rarely see a knobby Cobbler, for they are generally plump, handsome potatoes with smooth skin. The tubers are round to oval in shape; slightly flattened, have strong, well-developed eyes; the flesh is pure white and cooks dry and mealy. A first-class potato in every respect, thoroughly dependable and well worth a place in every garden.

Northern Grown, Large Seed Size
Northern Grown, Medium Seed Size
Ky. Grown Second Crop, Large Seed Size
Ky. Grown Crop, Small Seed Size

WRITE FOR PRICES

CERTIFIED IRISH COBBLERS—It is false economy to save fifty cents or a dollar a bag by buying poor common potatoes when certified seed can be had—the most successful potato growers use nothing but certified seed. Certification has done for potatoes what breeding has done for horses, cattle, hogs, etc. During the growing season the fields must be inspected at regular intervals to detect diseases. If the percentage exceeds the limit prescribed by law, the field is condemned. The small additional cost of certified seed over poor seed is not worth considering. There is less disease, more No. 1 potatoes and greater profit to the grower. Every bag will carry the tag of the inspection authorities; this is an assurance that every safeguard has been applied to have them as pure as is humanly possible. Prices quoted on request.

RED TRIUMPH—The earliest maturing potato that we offer. Very popular in the South. The Red Triumph is the right potato for you to plant if you want an extra early and sure cropping potato of the very best quality. Prices quoted on request.

EARLY OHIO—A well known variety, generally planted for home use. The tubers are oval shaped and of good size, with only few eyes. The skin is tinted with pink. Eating qualities are excellent.

KATAHDIN—Originated in Maine by the U. S. Dept. of Agriculture. It is a slightly oval white, very smooth, with shallow eyes. The vines are light green and vigorous. The type is very uniform and in cooking and eating qualities it is unsurpassed. Prices quoted on request.

PUMPKIN

CULTURE—May be sown among corn, 8 to 10 feet apart each way. Cultivate same as melons.

WHITE CUSHAW—Creamy white; otherwise about the same as the striped variety. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

STRIPED CUSHAW—Very large, with crooked neck. Creamy white, irregular striped with green; flesh light yellow, very thick and sweet. Delicious when sliced and baked. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

SMALL SUGAR OR PIE—One of the best for the home garden. An excellent pie sort. Nearly round. 10 to 12 inches in diameter; rich orange color. Flesh thick, fine grained, very sweet. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

MAMMOTH OR POT IRON—Grow to an enormous size, sometimes weighing 90 to 100 pounds each. A fine keeper. Pkt. 10c; oz. 15c; ¼ lb. 60c; lb. \$1.75.

KENTUCKY FIELD—Best for stock feeding. Grows very large, round and of yellow color. Pkt. 10c; oz. 15c; ¼ lb. 20c; lb. 60.

RADISH

CULTURE—For early use sow in January in hotbeds, or sow the early varieties in Spring as soon as the ground can be worked, in light, rich soil, in shallow drills; and for a succession, sow at intervals of two weeks until May. From May to August sow the Summer varieties, and from August until September sow the Winter varieties. One ounce will sow 50 feet of drill; eight to ten pounds to the acre.

COMET—For greenhouse and hotbed forcing, and outdoor planting. Early, crisp, mild and tender; rich bright scarlet, globe shaped, very uniform. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 90c; 5 lbs. \$4.25.

SCARLET TURNIP—White Tipped—Beautiful deep scarlet radish with a white tip. A general favorite with the market gardener and large shipper. The strain we offer is exceptionally fine and is true to name. (See cut.) Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c; 5 lbs. \$3.50.

SCARLET GLOBE—We have an exceptionally fine stock of this superb variety. It is one of the very earliest of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped and with a very small top; always crisp and tender; color a bright scarlet. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c; 5 lbs. \$3.50.

EARLY SCARLET TURNIP—A round, deep scarlet radish, with very small top; rich color; crisp and tender flesh. Very desirable for early outdoor planting. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c; 5 lbs. \$3.50.

WHITE ICICLE—A handsome long, pure white radish; extremely early. Ready to pull 25 days after sowing. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c; 5 lbs. \$3.50.

CINCINNATI MARKET—One of the handsomest long scarlet radishes known; beautiful bright rose color, almost transparent; brittle and crisp. Matures in about 25 days from time of planting. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c; 5 lbs. \$3.50.

CRIMSON GIANT—Extremely large, but never pithy. One of the best for out-door culture. Top is a little too large for a forcing sort; intermediate in season. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c; 5 lbs. \$3.50.

WHITE STRASBURG—The best of all Summer radishes. Grows about five inches long, about two inches in diameter at the top and tapering to a point. Keeps firm and solid longer than any other early variety. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c; 5 lbs. \$3.50.

WINTER VARIETIES

ROSE CHINA WINTER—Bright rose color; roots grow longer and thicker at the bottom than they do at the top. A very desirable variety, and a good keeper. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

ROUND BLACK SPANISH—An excellent sort for Winter. Skin black; flesh white, very compact and highly flavored. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

LONG WHITE SPANISH—A very late radish, with firm, crisp flesh, well flavored. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

LONG BLACK SPANISH—Roots rather long, thick, almost black, with white flesh. Adapted for late planting. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

RHUBARB

CULTURE—Sow in the Spring, in drills one inch deep, drills to be 12 inches apart, and thin the plants out to six inches apart. In the Fall, or the next Spring, transplant to three feet apart in well fertilized ground. One ounce will produce about 500 plants.

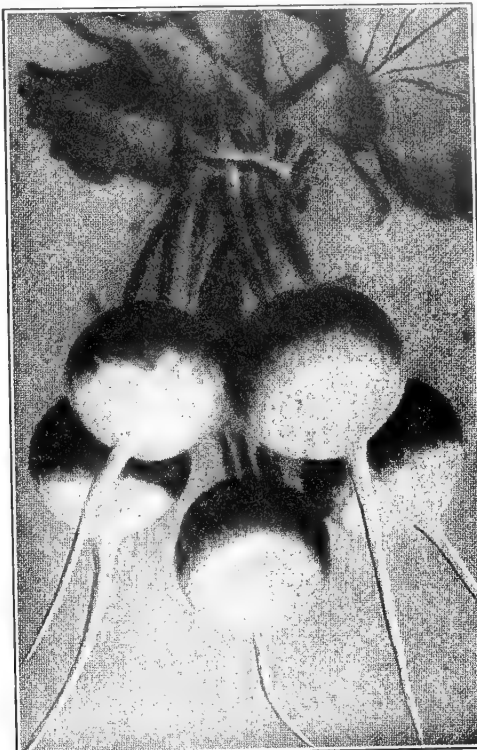
MYATT'S VICTORIA—Seed. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

MYATT'S VICTORIA—Roots. 15c each; \$1.25 per dozen; \$7.00 per 100.

SALSIFY or OYSTER PLANT

When properly cooked it is a good substitute for oysters and is very nutritious. A most palatable vegetable. Sow early in rows, 1½ feet apart and cover firmly 1 inch deep; thin to 3 inches apart in the rows. Salsify may remain in the ground through the Winter. The roots are perfectly hardy; in fact, they are best after the frost has touched them. One ounce of seed will sow 50 feet of drill; 8 pounds will plant an acre.

MAMMOTH SANDWICH ISLAND—This splendid variety will average nearly twice the size of other sorts. Grows very uniformly; mild and delicious in flavor. A popular sort with all growers. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; lb. \$4.00.



SCARLET TURNIP—WHITE TIPPED

YOU'LL FIND
RED ARROW
An Effective Non-Poisonous
Spray for Vegetables



WHITE STRASBURG RADISH



BLOOMSDALE SAVOY SPINACH

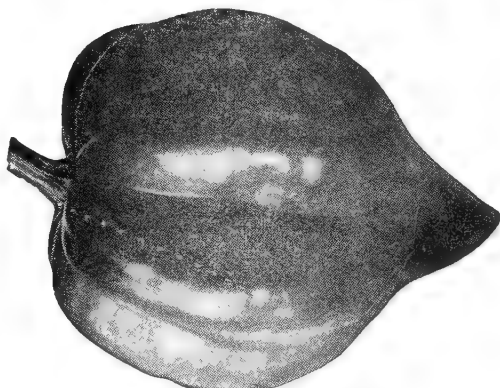
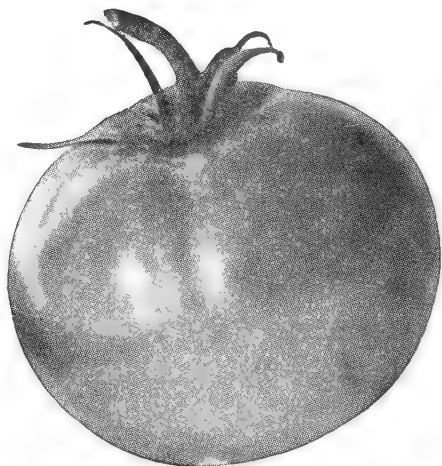


TABLE QUEEN SQUASH



HUBBARD SQUASH



TOMATO—BREAK O'DAY

SPINACH

CULTURE—Sow early in Spring, and for a succession at intervals of three weeks. In September and October sow for early Spring greens, and cover lightly during the Winter with straw. Sow about 12 pounds to the acre, broadcast.

BLOOMSDALE SAVOY—A very early variety and one of the best to plant in the Fall for Spring use. Plant of upright growth, with thick, glossy, dark green leaves which are crumpled or blistered like those of Savoy cabbage. Quite hardy but runs to seed quickly in warm weather. Used largely by market gardeners. **Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 50c; 5 lbs. \$2.10; 10 lbs. \$4.00; 25 lbs. \$9.50; 50 lbs. \$18.00; 100 lbs. \$34.00.**

VIRGINIA BLIGHT RESISTANT—A blight resistant strain of the Savoy Leaved Spinach developed at the Virginia Experiment Station, making it now possible to grow spinach successfully on infected soil. A fairly early seeder. **Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 50c; 5 lbs. \$2.10; 10 lbs. \$4.00; 25 lbs. \$9.50; 50 lbs. \$18.00; 100 lbs. \$34.00.**

SUMMER SAVOY—Similar to the older type, but with a thicker, more round and darker colored leaf. Very slow to bolt to seed. **Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 50c; 5 lbs. \$2.10; 10 lbs. \$4.00; 25 lbs. \$9.50; 50 lbs. \$18.00; 100 lbs. \$34.00.**

NEW ZEALAND (Tetragonia Expansa)—Entirely distinct from the true Spinach; plant tall and spreading with numerous side shoots; leaves medium green, rather small and pointed; grows well in hot weather. **Pkt. 10c; oz. 15c; ¼ lb. 45c; ½ lb. \$1.50.**

SQUASH

CULTURE—Sow early in drills 12 inches apart, one inch deep, and thin out to two inches in the rows. Keep clean from weeds and cultivate the same as parsnips. One ounce will sow 50 feet of drill; 4 to 5 pounds to the acre.

EARLY PROLIFIC STRAIGHTNECK—The fruits are 8 to 10 inches long, 2 to 2½ inches in largest diameter. It is long, slender, pear-shaped, with rounded or abruptly tapered tip; smooth or sparsely warted; light yellow in the edible stage. **Pkt. 10c; oz. 15c; ¼ lb. 45c; ½ lb. \$1.25.**

EARLY WHITE BUSH—Very early. Light cream color; productive; medium sized and good shipper. **Pkt. 10c; oz. 15c; ¼ lb. 45c; ½ lb. \$1.25.**

MAMMOTH WHITE BUSH SCALLOP—Similar to Early White Bush, though much larger, 10 to 12 inches in diameter, somewhat more warted and of a clear, waxy-white color. **Pkt. 10c; oz. 15c; ¼ lb. 45c; ½ lb. \$1.25.**

GOLDEN SUMMER CROOKNECK—Bright yellow; excellent flavor and very productive. **Pkt. 10c; oz. 15c; ¼ lb. 45c; ½ lb. \$1.50.**

GIANT GOLDEN SUMMER CROOKNECK—Are about double the size of the ordinary crooknecks. Same shape. **Pkt. 10c; oz. 15c; ¼ lb. 45c; ½ lb. \$1.25.**

STRAIGHTNECK, GIANT SUMMER—A selection from the Crookneck squash but with a straight rather than a crooked neck and thus being more easily packed for shipment. Fruits intensely warted, 18 to 20 inches long, deep orange in color with a thick, meaty neck. **Pkt. 10c; oz. 15c; ¼ lb. 40c; ½ lb. \$1.25.**

TABLE QUEEN—Length 6 to 8 inches, 3 inches in diameter. About 2 pounds. Trailing habit. Deep green turning to orange; fruit ribbed; skin smooth. As it ripens use frequently. Desirable for home and shipping. **Pkt. 10c; oz. 15c; ¼ lb. 50c; ½ lb. \$1.50.**

IMPROVED HUBBARD—The standard Winter squash; fruits large, heavy and moderately warted; shell dark bronze-green, showing light green markings toward blossom end, flesh bright orange-yellow, fine grained, thick and dry. **Pkt. 10c; oz. 20c; ¼ lb. 50c; ½ lb. \$1.50.**

TOMATOES

CULTURE—Sow in hotbeds in January and February and transplant into another bed when two inches high. When weather becomes warm and settled, transplant in rich, light soil, four to five feet apart; or sow end of April in open ground and transplant in open ground when six or eight inches high. They may be supported either by stakes driven into the ground, or may be left to spread over the ground. One ounce will produce about 2,000 plants; four ounces will plant an acre.

EARLIANA (Spark's)—One of the best very early tomatoes; very productive for an early sort; fruit of fair size, round, very smooth and solid and produced in clusters in center of the plant; color bright scarlet. **Pkt. 10c; oz. 65c; ¼ lb. \$2.00; ½ lb. \$7.00.**

BONNIE BEST—Ten days earlier than Chalk's Early Jewel and as early as Earliana; a vigorous grower and enormously productive of smooth, round, globe-shaped fruits; color intense velvety, glowing scarlet. Tomatoes ripen evenly to the stem, without cracking or black spots. **Pkt. 10c; oz. 50c; ¼ lb. \$1.50; ½ lb. \$5.00.**

JUBILEE—A new pure orange to orange-yellow tomato that is entirely different from any yellow or orange tomato you ever grew. The fruits are bright golden orange, globular, thick, meaty, orange colored interior, flavor somewhat mild. Makes delicious juice of attractive color. Very high in Vitamins A and C. Average wt., 6 oz. 72 days. **Pkt. 15c; ¼ oz. 30c; ½ oz. 50c; oz. 90c.**

TOMATOES (Continued)

WILT-RESISTANT VARIETIES

RUTGERS—Wilt resistant. Deep scarlet, solid meat. Vigorous grower and very productive. A fine variety for market or canning. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

GROTHEN'S GLOBE—Early wilt-resistant variety, fruits are deep scarlet, uniform, globe shape, solid and heavy. Very productive. Pkt. 10c; oz. 60c; ¼ lb. \$1.75.

MARGLOBE—Developed by the Agriculture Department and thoroughly tested in sections where the above diseases are very destructive. It is a vigorous grower whether in greenhouse or field. A bright red in color, of large size, almost round and very productive. Pkt. 10c; oz. 50c; ¼ lb. \$1.25; lb. \$4.50.

NORTON WILT RESISTANT—It yields a heavy crop of large, smooth, solid red fruits that ripen slowly, therefore is a good keeper and a good shipper; it is also remarkably drought resistant. An excellent tomato for the home garden, for canning and for the late market. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

BREAK O'DAY—Early wilt resistant variety, large, solid, globular scarlet fruits. One of the best of the disease resistant varieties developed by the late Dr. Pritchard. About 10 days earlier than Marglobe. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

PRITCHARD—Mid-season, scarlet fruited sort, which is resistant to Fusarium wilt and to Nail-Head rust. Vine vigorous and productive. Fruits nearly globular in shape. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

STOKESDALE—A red, brilliant red. For market it is profitable because of its earliness, its beauty, and its quality. It averages three days earlier and 25% larger than Bonny Best. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

VALIANT—Extra early, extra large, extra solid. An ideal market variety producing a crop of large, fine colored fruits for the early high market prices. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

JOHN BAER—One of the earliest and most profitable varieties, having globe shaped fruit, of a bright scarlet color, good size and smooth, very solid; free from core and with few seeds. The vine is vigorous and continues to bear good size fruits much longer than most other early sorts. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

DWARF CHAMPION—A purple-fruited variety, forming a strong, erect, bushy plant that needs no support. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; lb. \$4.00.

JUNE PINK—Smooth round purple tomatoes. The fruit, for an extra early sort, grows large; the flavor and quality is exceptionally fine. Pkt. 10c; oz. 65c; ¼ lb. \$2.00; lb. \$6.00.

GREATER BALTIMORE—Main crop, productive, red fruited variety of the Macthless type; quite popular with canners. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; lb. \$4.00.

MATCHLESS—Deep red color. Good canning tomato. Fruits large and of uniform size. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; lb. \$4.00.

STONE—Best main crop for canning. Fruit is large uniform, smooth and of bright red color. Medium early. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; lb. \$4.00.

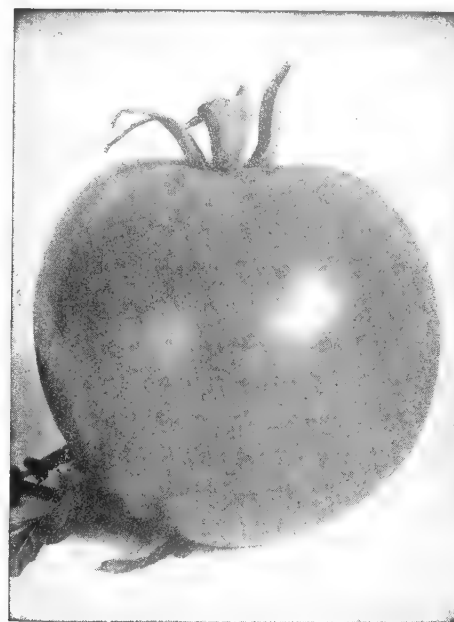
YELLOW PEAR SHAPE—This is extensively used for preserves and to make tomato figs. The fruit is golden yellow; distinctly pear shaped and of excellent flavor. Pkt. 10c; ½ oz. 45c; oz. 90c.

PONDEROSA—Largest tomato in cultivation. Not in favor with market gardeners, as it does not grow smooth and is too large. Rich in color; and has very few seeds. Pkt. 10c; ½ oz. 45c; oz. 90c.

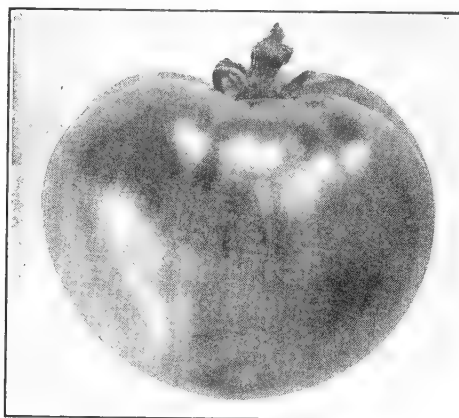
GOLDEN PONDEROSA—Largest of the yellow tomatoes and similar to Ponderosa except in color of fruit. Pkt. 10c; oz. 90c.

OXHEART—There is great rivalry among backyard and kitchen-gardeners to see which can grow the finest Oxheart in shape and size. Specimens weighing three pounds or more are quite common. While the Oxheart is not a heavy yielder, being similar to Ponderosa in this respect, the grower for market is going to find the Oxheart a mighty attractive sort. It is almost seedless. The flavor has just that delicious tomato quality that every lover of this fruit knows so well. Pkt. 10c; ½ oz. 60c; oz. \$1.00.

FAMOUS BRIMMER TOMATO—Fruits weighing from 1 to 1½ lbs. are not regarded as particularly large, for they frequently weigh over 2 lbs. They are practically all meat, have no core and very few seeds. They are free from acid and can be enjoyed by those who can not eat acid fruits. Pkt. 10c; ½ oz. 60c; oz. \$1.00.



MARGLOBE



RUTGERS TOMATO



PRITCHARD



PURPLE-TOP GLOBE TURNIP

SELECTED TOBACCO SEEDS

CULTURE—Seed is sown in February in a plant bed which is protected by a thin cotton cloth and set about June first in highly fertilized ground in rows three and a half by three feet. Cultivate often and worm and sucker as needed.

BELL'S BOURBON WHITE BURLEY TOBACCO

ITS LOW NICOTINE CONTENT, which is very desirable to cigarette companies; sold only in original packages. $\frac{1}{2}$ oz. \$1.00; oz. \$2.00.

CERTIFIED No. 16—Black Root-Rot Resistant Stand-up White Burley. Produced under the supervision and inspection of the KENTUCKY SEED IMPROVEMENT ASSOCIATION. No. 16 averages about two more leaves per plant than other varieties, which has resulted in a heavy yield of lug leaves. Only sold in original package. $\frac{1}{2}$ oz. 75c; oz. \$1.50.

SHIPP'S WHITE BURLEY TOBACCO SEED—Produces a bright grade of tobacco—on either old land or virgin soil—with color, quality and weight. Grows the Light Color cigarette and smoking tobacco that brings the highest price on the market. In originator's sealed packages. \$1.50 per oz.; $\frac{1}{2}$ oz. 75c.

RICKARD CERTIFIED TOBACCO SEED—Kentucky 16, Kentucky 41-A, Kentucky 33. $\frac{1}{2}$ oz. 75c; oz. \$1.50.

RICKARD UNCERTIFIED TOBACCO SEED—Kentucky 22, Kentucky 52. Recommended by the Ky. Seed Improvement Association. $\frac{1}{2}$ oz. 75c; oz. \$1.50.

TURNIP

CULTURE—For early use, sow as soon as the ground can be worked. The ruta bagas sow early in July, and the other winter turnips sow from the middle of July to the middle of August. Turnip seed is generally sown broadcast, but can also be sown in drills 12 inches apart, and can be cultivated; in this manner they will produce a large crop.

EXTRA EARLY PURPLE TOP MILAN—Of medium size, very sweet, ivory white both inside and out. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

RED OR PURPLE TOP STRAP LEAVED—For fall sowing and main crop this is the best variety. White flesh and purple top. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

PURPLE-TOP WHITE GLOBE—Best market turnip. Enormous producer and extensively grown for fall and winter use. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

IMPROVED AMERICAN PURPLE TOP RUTA BAGA—A hardy, productive variety with small neck; roots are large, oblong or globular in form, with a very small tap root; color bright yellow with a purple top; flesh very solid, tender and sweet. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 60c.

SEVEN TOP—Grown exclusively for the tops, which are used for greens. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 20c; lb. 50c.

SHOGGIN—Fast growing, has large leaves, can be used as greens. Round white roots, mild and tender and fine quality. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Tobacco

THE CROP THAT MADE KENTUCKY FAMOUS



The Root-Rot Resistant Burley (left and right) and common variety of White Burley (center), showing the difference in early growth of resistant and susceptible strains when grown on diseased soil.



The sturdy tobacco plants shown above is the proof that it is profitable to use VIGORO in feeding tobacco plant beds.

Use three-quarters as much VIGORO as you would ordinarily use of regular plant bed fertilizer. Rake it in lightly to mix it with the top inch of soil, then sow seed. Top-dress the bed when the plants are well up and have several leaves and then again, two weeks later. When top dressing, apply evenly when the PLANTS ARE DRY. Work VIGORO off plants by brushing lightly and then water thoroughly IMMEDIATELY.

Write us for prices on VIGORO.

SPECIAL QUANTITY DISCOUNT

For cash with order on all 10c packets

FLOWER SEEDS

Your choice of any

6 for 50c; 10 for 75c

FLOWER SEEDS

In keeping with the times we are adding new and dependable varieties of flowers, many "ALL AMERICAN" Selections and varieties of Special Merit to our list, along with the old fashioned or standard varieties.

We are always on the lookout for outstanding strains and varieties, through the reports of the originator, the grower and from our own observation we obtain expert and helpful information that we may pass on to the many flower lovers.

The varieties of SELECTED FLOWER SEEDS cataloged, are those that we know are best adapted to the soil and climate in our immediate and surrounding territory.

We have divided our flower seeds into three classes: Annuals, Perennials and Biennials, Vines and Climbers.

ANNUAL FLOWERS

Flowers listed under this head are those that will produce bloom the first year from seed. For early bloom, seeds may be sown indoors in boxes or in hotbeds or cold frames and later transplanted to beds where they may bloom. Outdoors, seed can be sown as soon as all danger of frost is passed, usually April in this locality. With the exception of Sweet Peas, DO NOT PLANT FLOWER SEED TOO DEEP. Larger and finer flowers are produced if the beds are properly prepared, deep spading, thorough pulverization, and an application of fertilizer is absolutely necessary.

Ageratum

We consider this to be one of the best bedding plants grown, its bushy habit makes it fine for borders, also used for porch boxes or pot plants for Winter blooming indoors.

BLUE PERFECTION—This is the deepest colored of all Ageratums, an amethyst-blue. Pkt. 10c.

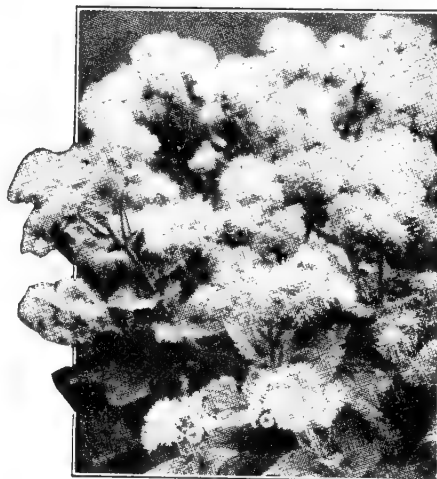
MIDGET BLUE—Three inch globular plants are smothered with Ageratum blue flowers. Most uniform in habit, truest in color yet produced. The best we know for narrow ribbon planting. Pkt. 10c.

Sweet Alyssum

Plants are dwarf and compact, the most popular of all border plants, also useful for hanging baskets and porch boxes.

LITTLE GEM—Height 4 inches, covered with small pure white blooms. Pkt. 10c.

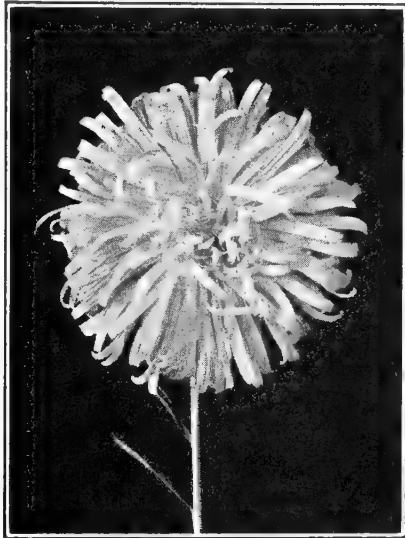
VIOLET QUEEN—This is a truly beautiful fragrant Sweet Alyssum of a bright violet hue, holding its colors through the hottest, driest summer. The best violet edging plant. Pkt. 10c.



AGERATUM



SWEET ALYSSUM



CREGO ASTER



CALENDULA



CELOSIA

WILT RESISTANT ASTERS

Many growers in the past have experienced great difficulty in raising Asters due to Fusarium Wilt. Seed of the following varieties are from plants grown in Wilt infected soils yet proved immune from the disease.

BEAUTY ASTERS—This type grows three feet tall of branching habit. Flowers large, very double, borne on long stout stems.

MIXED COLORS—Pkt. 10c.

CREGO'S IMPROVED GIANTS—A fine variety of this type, with long stems and full, fluffy flowers. Midseason. 2½ feet.

Mixed Colors—Pkt. 10c.

ASTER MIXTURE—We have spared nothing to make this mixture perfect, blending in it the best strains produced by Aster specialists in this country. Pkt. 10c; ¼ oz. 60c; oz. \$2.00.

Bush Balsam

Free-flowering double Balsam of bushy growth, flowers appear in clusters on the top of stems instead of hidden on side of stems. It is a fine border plant. Mixed colors. Pkt. 10c.

Balsam-Lady Slippers

An old timer, growing about eighteen inches tall in the shape of a small tree and producing all along the branches showy double flowers like small roses. Should be grown in rich soil. Double mixed. Pkt. 10c.

Candytuft

Very effective in beds, masses and borders, being fairly covered with blooms throughout the summer. Mixed colors. Pkt. 10c.

Calendula

A well known old-fashioned annual that has long been in favor. They are easy to grow, succeeding in almost any soil and are in bloom from early summer till frost. 1½-2 feet.

MIXED—All varieties. Pkt. 10c.

Carnation

MARGUERITE—An everblooming Carnation, blooming in 4 months from seed. Large double highly scented flowers. If protected, they survive an ordinary winter. Mixed colors. Pkt. 10c.

Castor Beans

Luxuriant rapid-growing with palm-like leaves. Excellent backgrounds or center of beds of foliage plants, the effect being especially striking after the brilliant colored fruit is formed.

MIXED VARIETIES—Pkt. 10c; oz. 15c.

Celosia—Cockscomb

CHRISTATA—Has large ornamental comb-like heads of blood-red. Foliage brown. Pkt. 10c.

Centaurea—Cornflower

JUBILEE GEM—A dwarf form of blue Bachelor Button. Compact, tidy and covered with large blue flowers. Jubilee Gem is splendid for beds, edgings and for cutting. Pkt. 10c.

DOUBLE BLUE—Very large flowers, rich deep blue, good stems for cutting. Pkt. 10c.

DOUBLE MIXED—Also called Bachelor's Button. Very showy for the garden and fine for cutting. Easy culture. Blooms from June until frost. Pkt. 10c.

Cosmos

These tall autumn flowering plants are useful as screens and backgrounds. The flowers are borne on graceful stems suitable for cutting.

GIANT SINGLE MIXED—A mixture of pink, white and crimson flowers. Pkt. 10c.

DOUBLE CRESTED MIXED—A new type of Cosmos. Long stems good for cutting. Pkt. 10c.

COSMOS SENSATION, Dazzler—Very rich, deep amaranth crimson. Early flowering blooming in about 12 weeks from sowing. The flowers are very large, 4 to 5 inches across, with heavy fluted petals. Height about 4 feet. By disbudding, enormous flowers can be obtained. Pkt. 10c.

Cosmos

SENSATION—The flowers are mammoth in size, 4 to 5 inches in diameter, carried on long strong stems. It is early flowering, blooming in ten weeks from time of seeding. This mixture contains whites and shades of rose and pink. **Pkt. 10c.**

Dahlia

EXHIBITION MIXED—Seed for this mixture is taken from large exhibition flowers. Start seed early indoors in boxes and transplant as soon as the weather is warm. Try a packet of this seed, you may get a good new variety. **Pkt. 10c.**

UNWIN'S DWARF HYBRIDS—Flowers from seed in 60 days. Produces branching plants, two to three feet tall bearing semi-double flowers, three inches in diameter of pink, lavender, red, orange and other colors. Makes tubers that can be saved. **Pkt. 10c.**

Dianthus—Pinks

These old-fashioned garden pinks should be found in every garden. The gay blossoms on strong stems come in a variety of rich colors, and the stripes and markings make them especially attractive. They are of easy culture and bloom from early summer until late fall.

SINGLE MIXED—Large finely marked flowers having fringed petals. **Pkt. 10c.**

DOUBLE MIXED—This mixture supplies an abundance of fringed double flowers of rich colors. **Pkt. 10c.**

Eschscholtzia—California Poppy

These bright colored poppy-shaped flowers will make a wonderful showing in your garden.

SUNSHINE MIXTURE—This mixture contains a good range of colors. **Pkt. 10c.**

Everlasting Flowers

MIXED—This mixture contains seed of all types and colors. Plants are ornamental in the garden and also prized for winter bouquets. **Pkt. 10c.**

Forget-Me-Not

Charming little blue flowers highly effective in borders or masses. Fine for rock gardens. Does best in cool, moist soil. **Pkt. 10c.**

Four O'Clock

MIXED—A blend of all colors of showy blooms. Flowers in great profusion that open only in the afternoon or on cloudy days. **Pkt. 10c.**

Gypsophila—Baby's Breath

Graceful plants of light fairy-like growth. Sprays are much in demand for cutting and combining with other flowers for bouquets and vases.

ELEGANS ALBA—Large flowering, pure white, of free easy growth. **Pkt. 10c.**

ELEGANS ROSE—A fine shade of rose. Excellent for cutting. **Pkt. 10c.**

Helichrysum

STRAWFLOWERS MIXED—This is the largest and showiest of all the everlastings. Flowers intended for drying should be gathered when the buds are partially opened and suspended with their heads downwards in a cool place. **Pkt. 10c.**

Hollyhock

INDIAN SPRING—Hardy annual, blooming in 5 months from seed. The semi-double, crinkly edged flowers range from pale pink to crimson rose and often measure 5 inches across. If plants are cut back after the first bloom is past they will produce a second crop of blooms the same season. Height from 4 to 6 feet. **Pkt. 10c.**

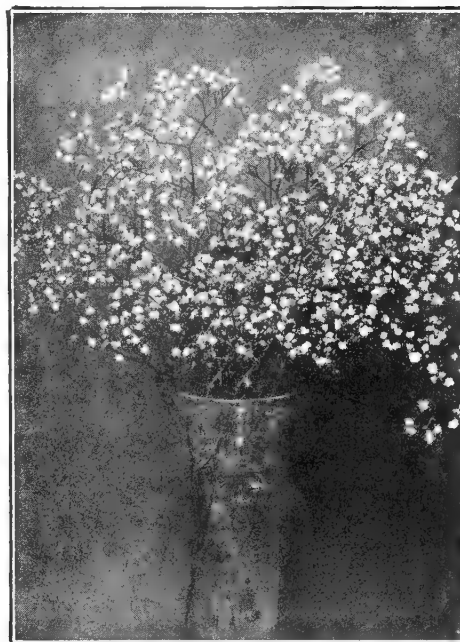
Larkspur

DOUBLE STOCK-FLOWERED—These are great improvements over the old type of Larkspur. By expert breeding and selection the growers improved the color and size of the blossoms and also the foliage. We urge you to give these a try.

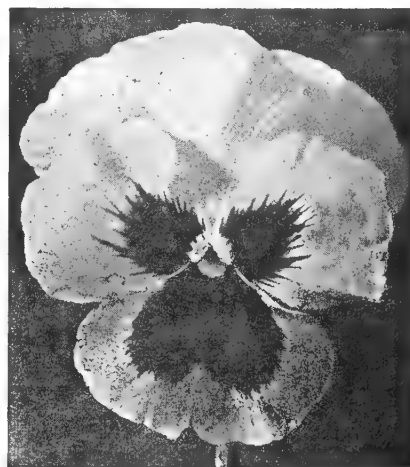
DOUBLE STOCK-FLOWERED LARKSPUR MIXTURE—A wonderful blend of all colors from whites to dark blues. **Pkt. 10c.**



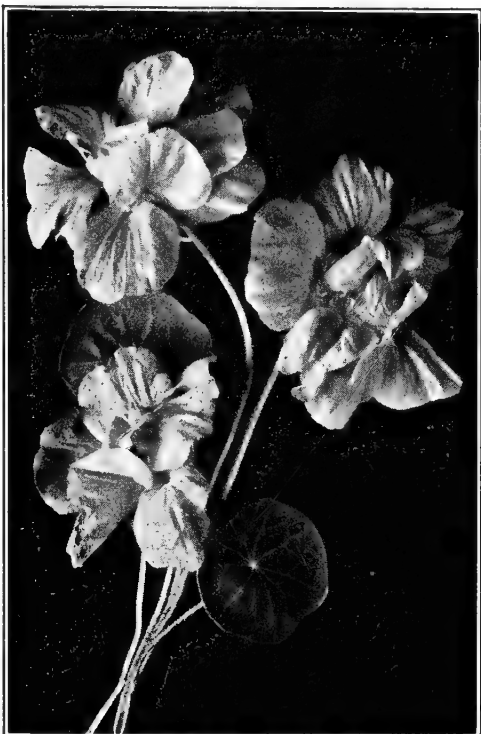
DIANTHUS PINKS



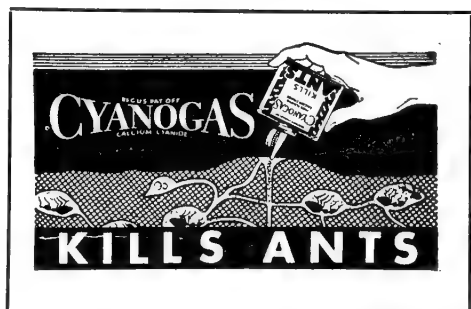
BABY'S BREATH



PANSY



**NEW SWEET-SCENTED
GOLDEN GLEAM NASTURTIUM**



ROOK GARDEN

The Newer Marigold

MARIGOLD FLASH—All America Silver Medal, 1945. The name "Flash" is descriptive of the bright combination of colors which range from vivid red through bronze with a few yellow flowers to give a harmonious contrast to the massed brilliance of the fiery alive plants. In most of the flowers the base color of tangerine is overlaid with rich marigold-red. Individual flowers of this new Single French Marigold grow $1\frac{1}{4}$ in. and more across; the plants, 18 in. tall. **Pkt. 10c.**

MARIGOLD WILDFIRE—18 in. This seed bearing hybrid between French and African varieties, bears single flowers which sometimes reach 3 inches in diameter, varying in color and markings on the same plant. Blooms in eight weeks from sowing, flowering until frost comes. **Pkt. 10c.**

HARMONY—A Dwarf French Double variety. The flowers are quite different from any other Marigold, Scabiosa-like in formation with tubular deep orange center petals flanked by broad velvet maroon-brown guard petals. Plants grow about a foot high, free blooming and extremely early. **Pkt. 10c.**

HARMONY HYBRIDS—Same compact growth as the Harmony type. Colors range from lemon-yellow to dark brown, many flowers have a combination of these colors, making a very striking effect. These dwarf compact plants make excellent bedding and border plants. **Pkt. 10c.**

GUINEA GOLD—A new distinct variety that has given very good results in this locality. Carnation-like petals and unusual brilliant golden colors, make this flower outstanding. It lacks the pungent odor of other African Marigolds. The plants bloom freely, and the stems are strong, making a wonderful cut flower. For best results we recommend early sowing. **Pkt. 10c.**

YELLOW SUPREME—A rich creamy-lemon color. A wonderful cut flower, holding its freshness for a week to 10 days. Plants are healthy, vigorous and prolific with foliage practically free from that objectionable Marigold odor. **Pkt. 10c.**

CHRYSANTHEMUM FLOWERED MIXED—Identical in form with the incurved Chrysanthemum. Plants prolific, strong stems, orange and yellow shades. **Pkt. 10c.**

BURPEE'S GOLD—Carnation flowered, deep orange color. Odorless foliage. Early flowering. An excellent cut flower. **Pkt. 10c.**

Pansy

One of the most popular annuals. Easy grown and flower freely. Can be sown early in Spring or September. They require rich soil and plenty of water.

MIXTURE—Fancy strain of giants. **Pkt. 15c.**

Phlox

DRUMMONDII MIXED—A mixture of many colors that make very attractive beds and continue to bloom throughout the summer. **Pkt. 10c.**

Nasturtium

DWARF MIXTURE—We have blended a number of the best named varieties in this mixture that bloom throughout the season and give a gorgeous array of color. **Pkt. 10c; oz. 20c.**

TALL MIXED—A mixture of many colors. These climbing or running sorts are chiefly used for window boxes and drooping over retaining walls, which make a magnificent showing. **Pkt. 10c; oz. 20c.**

Double Gleam Nasturtium

The introduction of the Golden Gleam Nasturtium has created a demand for other colors in this new type of flower. The flowers come semi-double, are borne on stiff stems and delightfully fragrant. For attractive show in your garden or for bouquets indoors, you will find them unexcelled.

GOLDEN GLEAM—The flowers when fully in bloom, cover the entire plant with a blaze of golden yellow bloom. **Pkt. 10c.**

SCARLET GLEAM—The flowers are of a fiery orange-scarlet. Very fragrant and uniformly double and well formed. **Pkt. 10c.**

DOUBLE GLEAM HYBRIDS—A collection of many gorgeous colors, large flowers of dazzling beauty. **Pkt. 10c.**

Petunia

There is no plant of easier culture for bedding, window boxes or hanging baskets than the Petunia, and few make a gayer appearance when in full bloom.

Large Flowered Petunias

ELK'S PRIDE—A mammoth, velvety purple variety. **Pkt. 25c.**

RUFFLED GIANTS—Giant flowers of light and dark shades, fully fringed and ruffled. **Pkt. 25c.**

Bedding Petunias

RADIANCE—A cerise rose with enough underlying salmon to remove harshness. The throat is golden yellow. **Pkt. 25c.**

WHITE KING—Snow white flowers borne profusely on sturdy vigorous plants. **Pkt. 10c.**

BLUE KING—A deep violet blue. Fine bedding variety. **Pkt. 10c.**

FLAMING VELVET—Petunia Flaming Velvet has caused a sensation because of the uniform excellence of its velvety, rich, blood-red flower. Plants grow about 15 inches in height, uniform and the flowers are large and borne in great profusion. **Pkt. 15c.**

ROSY MORN—A fine pink bedding variety. **Pkt. 10c.**

ROSE OF HEAVEN—Rich brilliant rose with white throat, darker than Rosy Morn. **Pkt. 10c.**

HOWARDS STAR—Crimson-Maroon with a clearly defined star of white. **Pkt. 10c.**

FINE BEDDING MIXED—Single varieties, all colors. **Pkt. 10c.**

Balcony Petunias

BALCONY BLUE—Large flowers, rich, velvety violet. **Pkt. 10c.**

BALCONY RED—Single large red, trailing habit. **Pkt. 10c.**

BALCONY MIXED—A fine large, single flowering type used mainly for window boxes and hanging baskets. Colors white, rose and blue. **Pkt. 10c.**

Poppies

They should be found in every garden. Of easy culture and produce a wealth of gorgeous blooms. Sow early.

IMPROVED SHIRLEY—Very large single flowers in the newest delicate colors and combinations. Most popular of all. **Pkt. 10c.**

AMERICAN LEGION—Glaring rich scarlet with a white Maltese Cross in the center. Most showy of all. **Pkt. 10c.**

Portulaca—Moss Rose

Low growing or creeping plants six inches high, and bear glossy cup-shaped blossoms in very brilliant and gorgeous colors. They love the sunshine and do best on rather dry ground.

DOUBLE MIXED—Extra large double flowers that are especially beautiful and showy. **Pkt. 10c.**

SINGLE MIXED—An extra fine strain with very large blossoms and many splendid colors. **Pkt. 10c.**

Rock Garden Mixture

This mixture includes many of the dwarf annuals, suitable for rock garden. Contains many colors and will afford a mass of bloom all season. **Pkt. 10c.**

Salvia—Scarlet Sage

A well known favorite bedding plant which bears magnificent spikes of scarlet flowers from July to October.

SPLENDENS—Bright scarlet flowers. Height 3 feet. **Pkt. 10c.**

AMERICAN or GLOBE OF FIRE—This is a dwarf type, 18 inches in height. The freest blooming and most uniform in growth. **Pkt. 20c.**

Scabiosa—Mourning Bride

LARGE FLOWERING DOUBLE MIXED—Also called "Pin Cushion Flower." This is a mixture of many colors having perfectly double flowers, fine for cutting as they are gracefully borne on long stems well above the foliage. Very easily grown, like plenty sun. 2/3 feet. **Pkt. 10c.**

Snapdragons

Everyone knows the Snapdragon. Very hardy and easy to grow, and produce an abundance of flowers from the time they begin blooming in Spring until Fall. Among the most popular flowers for cutting.

These are superb Snapdragons, long, graceful spikes on robust plants, flowers of remarkable shades and sizes. Height 3 feet.

Giant Pink
Giant Scarlet

Giant Bronze
Giant Yellow

GIANTS MIXED

Any of the above varieties. **Pkt. 10c.**

One package each of the 4 colors. **30c.**

Rust-Proof Snapdragons

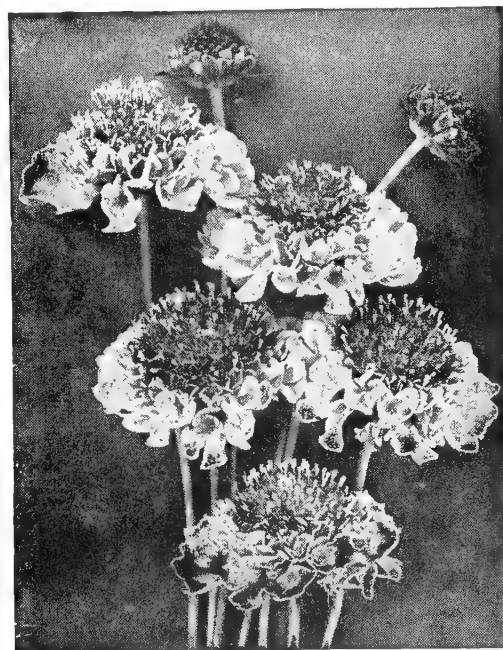
Rust (the disease that attacks the leaves of snapdragons causing them to die) is practically eliminated in this strain. This mixture has a wide range of colors, extra long spikes, fine for cutting. **Pkt. 10c.**

Stocks

DWARF TEN WEEKS MIXED—This early class forms dwarf compact plants that are excellent for bedding and edgings. They bear an immense quantity of fragrant blooms, each plant forms a perfect bouquet. **Pkt. 10c.**



ROCK GARDEN AND POOL



SCABIOSA



FANCY FRINGED PETUNIA



VERBENA



POM-POM ZINNIA



COREOPSIS

Sweet Peas

CULTURE—Early planting is advised so that they may bloom before very hot weather. Dig the soil deeply to allow deep rooting. Open a trench four to six inches deep, in which plant the seeds early in February and cover with an inch of soil and press it firmly. When up about two inches begin cultivating and gradually fill the trench until it is level. Do not allow the roots to become too dry; water at least twice a week. Be sure to gather the blooms, otherwise the vines will stop flowering. An ounce will plant 25 feet of row.

ROBERT SYDENHAM—The most individual color in sweet peas, being a bright orange salmon. The blooms are of immense size and exquisite soft texture. Grow in a shaded place.

ROYAL PURPLE—The name well describes the color—a rich royal purple which deepens as the flower ages.

WEDGEWOOD—A wonderfully beautiful shade of light blue. The long stout stems rarely bear fewer than four daintily waved or frilled blooms. A sturdy grower and free bloomer.

AUSTIN FREDERICK—An exquisite shade of lavender, the standard being a slightly deeper shade than the wings.

CONSTANCE HINTON—When first open the flowers have a tint of pink, but they change to pure white. The flowers are large, the vines are strong growers.

CRIMSON KING—A profuse bloomer with remarkably large rich deep crimson waved flowers carried on strong stems. Does not sunburn.

HERCULES—A splendid large rich pink waved flower, often more than two inches across.

SUMMER FLOWERING SPENCERS MIXED—A splendid blend of Spencer varieties grown for us by the most careful methods from proven stocks. Pkt. 10c; oz. 15c; ¼ lb. 40c.

Tithonia

TITHONIA—For great spectacular effects, a vivid background screen, a flame-flecked living green wall, no annual surpasses, or even approaches, this gorgeous Tithonia; and it is of the easiest possible culture. The plants grow to seven feet or more. The big, long-stemmed blossoms range from orange topaz through tangerine to those with burnished oversheen of scarlet fire. Pkt. 10c.

Verbena

NEW GIANTS MIXED—A wonderful new strain of robust, compact habit, and very free blooming. Pkt. 10c.

Zinnias

ZINNIA, Cupid Type—The smallest of all. 1 ft. Compact plants of bushy habit. Each upright stem bears a flower 1 in. in diameter. Ideal for cutting and for use in miniature vases. Mixed colors. Pkt. 10c.

POM POM or LILLIPUT—Fast becoming very popular wherever seen. Fine for cutting, beds, lining borders and general garden use. Pretty type of compact, bushy growth and literally covered with small densely double flowers in perfect taste, held well above the foliage. The flowers resemble Pom Pom Dahlias in size, shape and color.

CRIMSON
GOLDEN GEM
LILAC GEM

ROSE BUD
WHITE
POM-POM MIXED

Any of the above varieties. Pkt. 10c.
One package each of the 5 colors, 40c.

Zinnia—Fantasy

The delicate, lacy petaled flowers lend an air of friendly informality to the garden of flower arrangement. Ideally suited to any decorative use, the rounded, medium-sized shaggy flowers are borne profusely on 2½ to 3-foot plants, in a wide and varied color range. Finest Mixed. Pkt. 10c.

STAR DUST—A deep golden yellow Fantasy Zinnia, resembling Cactus Dahlias. Pkt. 10c.

WILDFIRE—A rich dazzling scarlet of Fantasy Shaggy type. Pkt. 10c.

NEW DAHLIA FLOWERED ZINNIA—Distinct. The flowers are of immense size and are made up of a great number of small-sized petals. The individual petals stand well apart, giving an attractive grace and looseness to the flowers. They are strong growers, blooming profusely all during the Summer.

POLAR BEAR—Very large pure white flowers of true Dahlia flower form and size; best white yet seen in Zinnias.

CRIMSON MONARCH—One of the best, with immense flowers. A bright and attractive shade of crimson-scarlet. The blooms are perfect form; borne in great profusion.

EXQUISITE—The flowers resemble a large Decorative Dahlia. They are a pleasing shade of reddish rose with deeper rose in the center.

GOLDEN STATE—An excellent color. Rich golden yellow, shading to orange as the flower ages. Blooms are large, of true Dahlia form.

DREAM—The large flowers are a distinct shade of deep lavender, shading to purple as they age. Very large and of fine form.

MIXED—A fine mixture of the above varieties and many others. Any of the above varieties. Pkt. 10c.
One package each of the 5 colors, 40c.

DOUBLE GIANTS MIXED—The old-fashioned favorites, flowers of large size. Plants grow three feet tall and bear double blooms, four to six inches across. Pkt. 10c.

Window Box Mixture

A choice mixture of easily grown flowers especially suited for window boxes. The bright colors blended together produce a most beautiful and gay effect and a continuous succession of flowers throughout the season.

CULTURE—Sow seed broadcast in spring or early summer, covering lightly with soil well pressed down. Plants should be properly thinned out to prevent over-crowding otherwise they will become weak and spindly. **Pkt. 10c.**

WILD FLOWER GARDEN MIXTURE—A well balanced mixture of hardy annuals, suitable for planting in odd corners. Will give continuous bloom all season. Fragrant and fine for cutting. **Pkt. 10c; oz. 25c.**

PERENNIAL SEEDS

BY perennials we mean "hardy flowers" those that will live a number of years and will stand the Winter in this region.

A perennial border of the **OLD-FASHIONED HARDY FLOWERS**, is becoming more in demand by all those who possess a love for gardening.

Most perennials can be grown from seed and many will bloom the first season if the seed is started early indoors in boxes, or in hotbeds or coldframes. Seeds can also be sown in August.

Aquilegia—Columbine

LONG-SPURRED HYBRIDS—A fine mixture including all the beautiful color combinations of the largest sized long spurred flowers. **Pkt. 10c.**

Campanula

BELLFLOWER SINGLE MIXTURE—A mixture of all colors of large bell-shaped flowers. This is the beautiful old-fashioned sort. **Pkt. 10c.**

CUP AND SAUCER MIXED—All colors. Flowers resemble cups and saucers. **Pkt. 10c.**

Carnation

CHABAUD MIXED—Flowers 2 to 3 inches, double and many fine colors. This is the best strain of Hardy Carnations. **Pkt. 10c.**

Coreopsis

MAYFIELD GIANT—Fine for cut flowers, the bright yellow blooms are carried on long, stiff stems. Blooms all summer. **Pkt. 10c.**

Delphinium

The most popular of all perennials. The wonderful shades of blue found in these flowers make them valuable for cutting and combining with other flowers for vases and bouquets.

BELLADONA—Light blue shade found only in this variety. **Pkt. 10c.**

BELLAMOSA—Wonderful dark blue shade. **Pkt. 10c.**

GOLD MEDAL HYBRIDS—A new strain of Delphinium having magnificent spikes covered with large flowers of rare color. The plants are strong and vigorous. **Pkt. 10c.**

Dianthus

DIANTHUS HARDY ROCK GARDEN PINKS—Suitable plants for a rock garden, range from the tall to the dwarf trailing varieties; the former types serve to heighten the effect while the latter mats and covers the rocks and flat surfaces. Best results will be obtained by mixing the seed with quite a bulk of sandy loam which serves to scatter the seed evenly and also to cover it. **Pkt. 10c.**

English Daisy

BELLIS DOUBLE MIXED—All colors mixed. A low growing plant having fine double flowers early in Spring. Used for rock gardens. **Pkt. 10c.**

Foxglove

DIGITALIS MIXED—Old garden favorites. These produce spikes of blossoms 3 to 5 feet high. **Pkt. 10c.**

Gaillardia

THE DAZZLER—Large golden yellow flowers with rich maroon centers, borne on long stems making this a fine cut flower. Blooms from June to October. **Pkt. 10c.**

Gypsophila—Baby's Breath

PANICULATA GRANDIFLORA—Sprays of small single white flowers for using in bouquets with other flowers. **Pkt. 10c.**

Hollyhock

Makes a charming background for the perennial border. Grows 6 to 8 feet.

DOUBLE MIXED—Many new varieties, large flowers. **Pkt. 10c.**

Lathyrus—Hardy Sweet Peas

MIXED—Decorative climbing vines for fences or trellis. Good for cutting. **Pkt. 10c.**



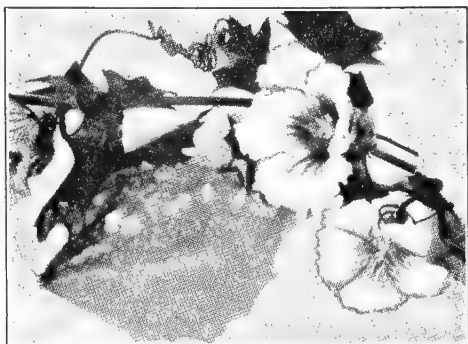
GAILLARDIA



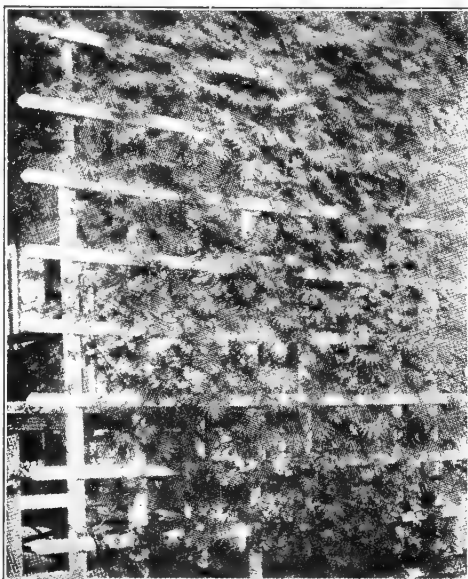
HOLLYHOCKS, Double



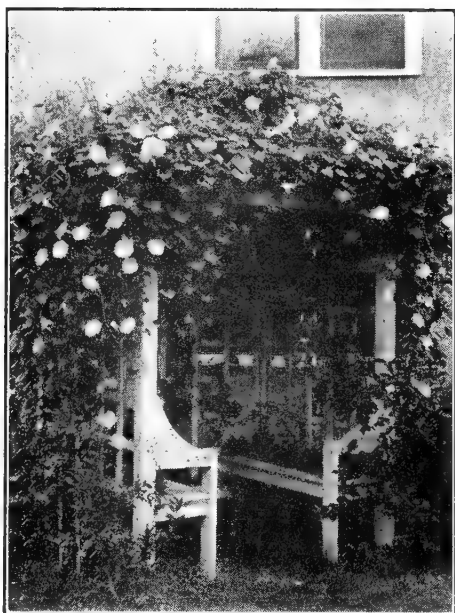
DELPHINIUM



BALSAM APPLE



CARDINAL CLIMBER



MORNING GLORY

Lupines

MIXED—Having stately spikes of bloom. 2 to 3 feet tall. They require soil free from lime. **Pkt. 10c.**

Physalis

CHINESE LANTERN PLANT—Produces bright red balloon-like husks which resemble Chinese lanterns. Used for winter bouquets. **Pkt. 10c.**

Poppies

ICELAND VARIETIES MIXED—Dwarf plants of neat habit having fern-like foliage, blooming profusely the entire season. Flowers of charming shades and tints. Fine for the rock garden. **Pkt. 10c.**

NEW ORIENTAL GIANT HYBRIDS—A strain having all the colors and types. For attraction and gorgeous coloring the Oriental Poppies have no other rival in the garden. **Pkt. 10c.**

Pyrethrum—Painted Daisy

ROSEUM HYBRIDS—All shades of rose and pink. Plant blooms in May and June. Charming daisy flowers good for cutting, fine stems and lasting. **Pkt. 10c.**

Shasta Daisy

ALASKA—Fine border plants, large, daisy-like flowers being produced in great profusion all Summer. Flowers are white, splendid for cutting. **Pkt. 10c.**

Sweet William

Excellent border plants and fine for cut flowers, look well in solid beds or masses, good border plants. An old favorite.

SINGLE MIXED—Many new varieties are found in this mixture. **Pkt. 10c.**

DOUBLE MIXED—Wonderful range for all colors and markings, none better. **Pkt. 10c.**

Tritoma

RED-HOT POKER—Very showy, flowers of bright orange-red borne on stout 3-foot stems. **Pkt. 10c.**

VINES and CLIMBERS

WITH their variance in color, their beauty of foliage and blossom, their grace wherever used, these vines frequently provide the finishing touches of any planting. Some adhere to the masonry, some must be trained through lattice or trellis and others with their tendrils will cling tenaciously, unshaken by wind or weather. Visualize the effect desired and train them accordingly to cover your walls and pilasters, your lattice or trellis, the pergola or laundry posts, the porch or portico, veranda or on the fence for shade, grace or flower and let them ramble in their plenitude—objects of beauty and a pleasure to the planter.

Balsam Apple

An excellent climber bearing cream colored flowers followed by yellow apple-shaped fruit, which when ripe, opens, showing blood-red inside. A splendid climber. **Pkt. 10c.**

Cardinal Climber

This is a very attractive, strong and rapid grower, attaining a height of 25 feet, with beautiful fern-like lacinated foliage and literally covered with a blaze of fiery cardinal-red flowers from mid-summer till frost. The flowers are about 1 inch in diameter and are borne in clusters five to seven blooms each. **Pkt. 10c.**

Cypress Vine

A splendid climber, with dark green, feathery foliage and an abundance of bright, star-shaped white and scarlet blossoms. Sow thickly after the middle of April. Height, 15 feet. **Pkt. 10c.**

Dolichos—Hyacinth Bean

A splendid climber with clusters of purple and white flowers. Grows to a height of 15 to 20 feet. **Pkt. 10c.**

Gourds

These are desirable in many places where an immense amount of vine is wanted quickly. The blooms of some are quite striking and handsome. With many sorts the fruit is unique and ornamental and often useful. The small fancy gourds are excellent toys for children, while the larger gourds may be used as dippers, sugar troughs and bowls. **Pkt. 10c.**

Moonflower

Beautiful rapid climbers reaching a height of 20 to 30 feet. Their luxuriant foliage affords dense shade. Start the seeds indoors about the middle of March, soaking them 5 hours in warm water first to hasten germination.

GRANDIFLORA—Large white fragrant flowers 5 inches in diameter. Very rapid grower. **Pkt. 10c.**

HEAVENLY BLUE—Early flowering variety. Large flowers of bright sky blue. **Pkt. 10c.**

Morning Glory

The "Red, White and Blue" collection. One package each of these (3) for **25c**

SCARLETT O'HARA—All American Gold Medal Winner. This Morning Glory is entirely distinct from any other on the market. Early to bloom, a carnelian red, about 3½ inches across. Blooms until frost and stays open longer than others. **Pkt. 10c.**

PEARLY GATES—Enormous flowers 4½ inches across, of clear shining white. Vines covered with blossoms from mid-summer to frost. Heart-shaped leaves of light green. A fast growing, vigorous vine. **Pkt. 10c.**

HEAVENLY BLUE—Flowers measure 3½ to 4 inches across, deep blue with white throat. They blossom profusely and for a long season, opening in the morning and facing the sun. **Pkt. 10c.**



MORNING GLORY

Scarlet Runner Bean

SCARLET RUNNER BEAN—A rapid climber, flowering profusely; grows 10 to 15 feet high. **Pkt. 10c.**

Thunbergia—Black-Eyed Susan

Beautiful, rapid growing climber preferring a sunny situation. Used in hanging baskets and window boxes. Flowers buff, white, orange, etc., with dark eyes. Mixed colors. **Pkt. 10c.**

GLADIOLUS

GLADIOLI are the most attractive and useful for cut flowers of all the Summer-flowering bulbs. They give you giant spikes of perfect blooms with wonderful colors in fascinating profusion. The colorings often change as each flower and spike opens fully. The graceful spikes carrying often twenty buds may be cut as the first lower flower opens. Placed in water each successive bud develops a perfect flower. Plant four to six inches apart in the row and about four inches deep.

NOTE: We pay postage on all bulbs to the FIRST and SECOND Zones from Louisville, Ky., buyers in other zones please add postage.

STOPLIGHT—New, large, clear red. **Doz. \$1.50; 100 \$12.00.**

BEACON—Salmon-scarlet with creamy throat. **Doz. \$1.00; 100 \$7.50.**

PRIDE OF WANAKAH—Rose pink blotched. **Doz. \$1.00; 100 \$7.50.**

CORONA—Creamy white having rose picotee edges. **Doz. \$1.50; 100 \$12.00.**

ROSA VAN LIMA—Light pink. **Doz. \$1.00; 100 \$7.50.**

KING LEAR—Clear deep purple. Early, ruffled variety. **Doz. \$1.00; 100 \$7.50.**

MAID OF ORLEANS—Large fine white. Grows tall and straight. **Doz. \$1.00; 100 \$7.50.**

MARGARET FULTON—Early, salmon pink. **Doz. \$1.00; 100 \$7.50.**

GOLD DUST—Deep yellow. **Doz. \$1.00; 100 \$7.50.**

LAVENDER RUFFLES—Pinkish lavender. New, outstanding variety. **Doz. \$1.25; 100 \$10.00.**

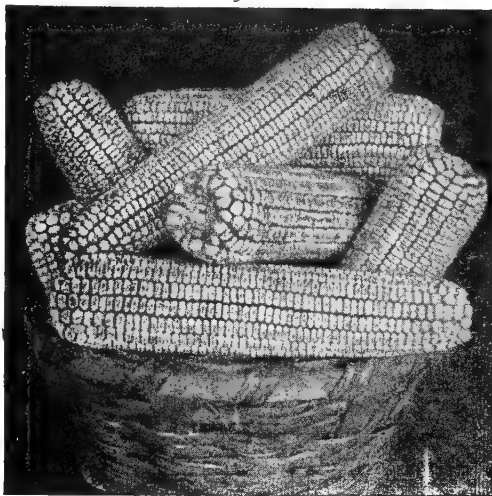
ETHEL CAVE COLE—Large massive spikes of light pink self color. **Doz. \$1.00; 100 \$7.50.**

TOKEN—Peach red or flame salmon. **Doz. \$1.00; 100 \$7.50.**

MIXTURE—Contains a large range of color. Some of the standard types, combined with a large number of the newer varieties, make this mixture one of the most satisfactory for the price. There is absolutely no comparison between this mixture and those offered at lower price. **Doz. 70c; 100 \$5.50.**



GLADIOLUS



DIAMOND JOE CORN

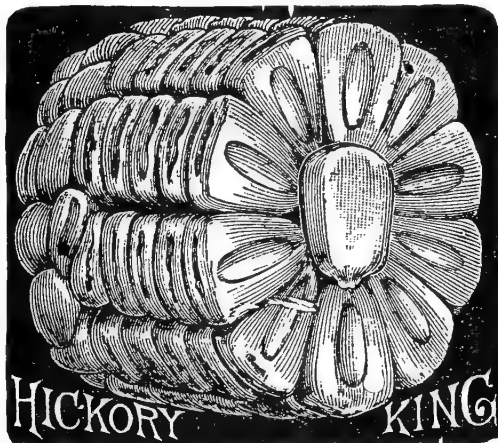
FOR SEED CORN



Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields are the benefits which thousands of farmers are reaping, at a cost of less than 3c an acre.

Prices: 12 oz. 62c; 1½ ozs. 17c.

(1½ oz. treats one bushel)



Insure Your Seed Corn Against Attack of
CROWS and PHEASANTS

BY USING "CRO-TOX"

Put clean corn in metal container which liquid will not penetrate. Then pour "Cro-Tox" Repellent over the corn and mix thoroughly. After thoroughly mixing, put treated corn in planter. Do not use foreign substances for drying purposes, such as lime or plaster, as it is not necessary.

Half-Pint Can Each \$0.60

Pint Can Each 1.00

(Half-pint treats one bushel)



WHITE CORNS

BOONE COUNTY TYPE—There is probably no one white corn as extensively planted as Boone County. It makes a 10- to 11-foot stalk of medium size with a fair amount of fodder. The grains are not flinty, so make good corn for feeding and milling. The ears are well filled at butt and tip; the grains are deep. Qt. 25c; ½ gal. 45c; gal. 80c; pk. \$1.40; ½ bu. \$2.50; bu. \$4.75.

JOHNSON COUNTY WHITE DENT TYPE—A very highly bred White Corn, of large size, containing a high percentage of oil and protein. It is medium late-maturing variety. The ears are from 9 to 11 inches in length and 7½ to 8 inches in circumference containing from 18 to 22 rows. The kernels are wedge-shape, very deep and moderately rough. The stalks grow from 9 to 11 feet in height. The rooting system is extensive, affording great facilities for gathering plant food. Qt. 25c; ½ gal. 45c; gal. 80c; pk. \$1.40; ½ bu. \$2.50; bu. \$4.75.

DIAMOND JOE TYPE—This excellent variety of corn was originated and first introduced by the Ratekin Seed House of Shenandoah, in 1905, and has been planted during this time in every section of this country where corn is grown. It has proven one of the best, most wonderful in uniform large yield and early maturity that has ever been produced. Qt. 25c; ½ gal. 45c; gal. 80c; pk. \$1.40; ½ bu. \$2.50; bu. \$4.75.

SILVER MINE TYPE is one of the greatest yielding of all the white varieties. Early to mature. It is adapted to a wide range of conditions and a great success in the north, south, east and west. Our stock is Pure. Qt. 25c; ½ gal. 45c; gal. 80c; pk. \$1.40; ½ bu. \$2.50; bu. \$4.75.

TENNESSEE RED COB TYPE—A splendid mammoth variety, produces largest crop of finest quality corn. The red cobs are well filled with pure white, broad, deep grains of superior quality for feeding or milling purposes. Qt. 30c; ½ gal. 50c; gal. 85c; pk. \$1.45; ½ bu. \$2.65; bu. \$5.00.

HICKORY KING TYPE—The grain is so wide and deep and the cob so small that often a single grain will cover the end of a broken cob. It has been called the Poor Man's Corn because it can be depended upon to produce a crop on poor, thin land. On good land it bears two ears to the stalk. Qt. 30c; ½ gal. 50c; gal. 85c; pk. \$1.40; ½ bu. \$2.65; bu. \$5.00.

YELLOW CORNS

GOLD MINE TYPE—Early to mature; pure yellow; deep grain; a fine early; standard field variety. This wonderful early variety of yellow corn is widely known. It matures in 80 to 90 days. Qt. 25c; ½ gal. 45c; gal. 80c; pk. \$1.40; ½ bu. \$2.50; bu. \$4.75.

KENTUCKY YELLOW DENT TYPE—A large eared early maturing Yellow Dent Corn. For hog feeding. Kentucky Yellow Dent grows a rugged stalk of medium height, producing ears 9 to 12 inches in length. Ears are well filled out with solidly set kernels, rich in oil. Matures in 100 to 115 days. Qt. 25c; ½ gal. 45c; gal. 80c; pk. \$1.40; ½ bu. \$2.50; bu. \$4.75.

REID'S YELLOW DENT TYPE—Has a long and honorable record for dependability, good yields and generally satisfactory crops. A big yielder on good loam and heavy land, making ears that average 9 to 10 inches long with 18 to 24 rows to ear, well filled out at butt and tip. Grains are wedge-shaped, and rows are so close that there is practically no waste space between rows. Qt. 25c; ½ gal. 45c; gal. 80c; pk. \$1.40; ½ bu. \$2.50; bu. \$4.75.

ENSILAGE CORNS

EUREKA ENSILAGE TYPE—It is of strong and vigorous growth, attaining a height of 13 to 15 feet, yields an unusually heavy growth of fodder and usually bears 2 ears to the stalk. Qt. 25c; ½ gal. 45c; gal. 80c; pk. \$1.40; ½ bu. \$2.65; bu. \$5.00.

HYBRID CORNS

WE OFFER HYBRID SEED CORN ADAPTED
TO THIS SECTION

HYBRID YELLOW DENT

Plants are tall, stand well for late harvest, are quite tolerant to chinch bugs and drouth. The ears are somewhat slender heavy utility type, medium hard starch with high shelling percentage.

KY. GROWN—Qt. 40c; ½ gal. 75c; gal. \$1.35; pk. \$2.50; ½ bu. \$4.65; bu. \$9.50.

FARMCRAFT—IND. GROWN—Qt. 45c; ½ gal. 85c; gal. \$1.60; pk. \$3.10; ½ bu. \$5.90; bu. \$11.50.

HYBRID WHITE DENT

Plants are medium tall, with heavy root system and heavy blight resistant leaves. Large cylindrical ears on strong shanks with grain of medium hard starch type, much superior to Johnson County.

KY. GROWN—Qt. 50c; ½ gal. 85c; gal. \$1.50; pk. \$2.85; ½ bu. \$5.40; bu. \$10.50.

FARMCRAFT—IND. GROWN—Qt. 60c; ½ gal. \$1.00; gal. \$1.80; pk. \$3.35; ½ bu. \$6.40; bu. \$12.50.

THE ABOVE PRICES are F. O. B. Louisville, Ky., if wanted by parcel post sufficient postage should be added.



CLOVER SEEDS

31

PRICES SUBJECT TO MARKET CHANGES

KOREAN LESPEDEZA

It is an annual, reseeds indefinitely although closely grazed. For a year round pasture sow a mixture of Korean Lespedeza, orchard and Red Top. We believe KOREAN is the best variety yet discovered for Kentucky. 25 lbs. \$4.00; 50 lbs. \$7.75; 100 lbs. \$15.00.

No. 2 Seed: 100 lbs. \$13.00.

KOBE LESPEDEZA

A variety similar to Korean, but larger, heavier and a little later. Excellent for hay or pasture. 100 lbs. \$26.00

SERICEA PERENNIAL LESPEDEZA

SERICEA PERENNIAL LESPEDEZA—A drought-resistant variety which is rapidly becoming popular in the South. Sericea is primarily a hay crop that will thrive on poor, acid soils where red clover and alfalfa are not profitable. Prepare the seed bed well for Sericea. Use as much care as with Alfalfa. Broadcast 20 to 25 pounds per acre during March and April. Oz. 10c; ¼ lb. 20c; 1b. 50c; 10 lbs. at 40c lb; 100 lbs. \$35.00.

CRIMSON CLOVER

CRIMSON CLOVER—It makes a luxurious winter and spring growth. It prevents loss of the soil fertility made available by freezing and thawing during the winter. Its root nodules add large quantities of nitrogen to the soil. Bu. \$17.00.

LADINO CLOVER

LADINO CLOVER—This so called improved White Dutch Clover is rapidly gaining popularity. Sow 2 to 4 pounds per acre. Lb. \$2.75; 5 lbs. at \$2.70.

RED CLOVER

RED CLOVER—The standard soil improver as well as a bountiful feed plant, both for pasturage and hay. Can be sown in the Spring from February 15th to April 1st; also in the Fall months. Sow 8 to 10 pounds to the acre. If you have been failing to get a stand of this valuable crop, be sure and use a heavy coat of lime, this will assist you in getting a big crop. Bu. \$37.00.

MAMMOTH or SAPLING CLOVER

MAMMOTH OR SAPLING CLOVER—Similar to red clover, both in appearance of seed and its habit of growth, but larger, heavier and a little later. Considered more valuable as a soil improver on account of its extra growth. Sow 8 to 10 lbs. to the acre and try "Nitragin" (Inoculation) on a portion of your field and see the difference. Bu. \$37.00.

ALSIKE CLOVER

ALSIKE CLOVER—Not as rank in growth as red clover, but grows finer and thicker. It is well adapted to moist or cold ground, and on account of it not being as early as red clover it is better suited to be sown with timothy, red top and other grass mixtures. It makes very fine hay and does excellent for grazing purposes. Sow 6 to 8 pounds to the acre. Bu. \$32.50.

ALFALFA

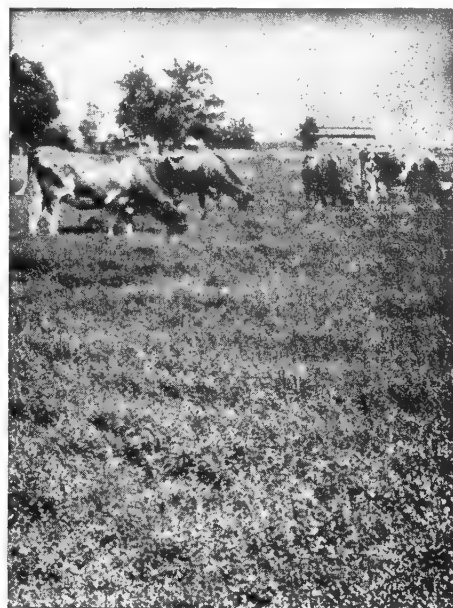
ALFALFA—When once established Alfalfa has no equal as a hay producer—three to four cuttings in a season, the yield averaging from 4 to 6 tons per acre. It is a true leguminous perennial and sends down into the subsoil long tap roots. It does best on a rich loose limestone soil, with porous subsoil, but thrives on most soils. It is one of the best forage crops, as it contains very high food values; as a soil enricher it is extremely valuable. Sow from 20 to 30 lbs. per acre.

Kansas Grown.....Bu. \$21.00
Oklahoma.....Bu. 19.00
Argentina Alfalfa.....Bu. 18.00

BOKHARA or SWEET CLOVER

BOKHARA OR SWEET CLOVER—Used extensively in this section for the restoration of depleted and worn out soil. Its value is unlimited for this purpose. It is also a very desirable forage plant. When young, resembles in growth alfalfa, but develops into a tree-like plant, growing four to six feet high, and has a feed value equal to that of alfalfa, when properly cut and cured. It also serves to inoculate the ground to be followed with alfalfa. Sow 12 to 15 pounds to the acre in Fall or Spring.

Hulled White Blossom.....Bu. \$12.00
Hulled Yellow Blossom.....Bu. 11.50



KOREAN LESPEDEZA

Inoculate all Legume Seeds with

NITRAGIN

1898—Nearly A Half Century of Service—
When ordering, Always state name of seed

ALFALFA	SOYBEANS
Swt., Bur, Hubam Clovers	Size Retail
Size	Small, (Inoculates up to 120 lbs. seed) \$.30
1 bu. each....\$.50	5 bu. each..... .55
2½ bu. each.... 1.00	25 bu. each..... 2.50
CLOVERS	(One can)
Medium & Mammoth Red, Alsike, Crimson & White Clovers	30 bu. each..... 3.25 (6-5 bu. cans)
1 bu. each....\$.50	BEANS—Navy, Pinto, Wax, String, Kidney and Great Northern
2½ bu. each.... 1.00	1 bu. each.....\$.35
LESPEDEZA	PEANUTS, LIMA BEANS, COW PEAS
100 lb. size (Inoculates up to 100 lbs.) ..\$.50	Small, (Inoculates up to 120 lbs. seed) \$.30
PEAS (All Varieties)	5 bu. each..... .55
VETCHES(All Varieties)	25 bu. each..... 2.50
100 lb. size (Inoculates up to 100 lbs.) ea.\$.50	(One can)
1200 lb. size ea.. 5.70	30 bu. each..... 3.25
(12-100 lb. cans)	(6-5 bu. cans)
LUPINES (All Varieties)	
100 lb. Size (Inoculates up to 100 lbs. seed) ea. \$.50	
GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans	
Enough for 8 lbs. seed — Retail Price 10c each	



RED CLOVER



TIMOTHY



SUDAN GRASS

SEEDS

are Tested for Vitality and Purity

and properly tagged in accordance with the Kentucky Seed Laws.

Prices fluctuate, write for prices. We try to ship orders within a day after we receive them.

KENTUCKY BLUE GRASS—Fancy re-cleaned seed. It succeeds well on most fertile soils in the Central and Northern States. It grows slowly at first, but makes a thick, compact turf if properly cared for after sowing. For pasture sow about 2 bushels per acre. Bu. \$5.00.

ORCHARD GRASS—Very fast growing grass. It starts very early in the Spring and will afford an abundance of excellent pasturage all through the season. It is inclined to grow in clumps and is benefited by pasturage. If not pastured too close, it is possible to cut two crops in a single season. It is adapted to most any soil except very low, wet ground. Sow early in the Spring or in Fall. Sow from 1½ to 2 bushels per acre. Bu. \$2.60.

RED TOP OR HERD GRASS—A very valuable grass for the farm with low, moist soil; however, will thrive well on uplands. It spreads and thickens from year to year and will gradually supplant other grasses; it is one of the finest grasses for hillsides or land likely to wash. Fancy Re-cleaned Seed. 100 lbs. \$24.00.

TIMOTHY—Makes the most nutritious and salable hay of all grasses; however, not extra good for pasture, as it is injured by close cutting or grazing. It thrives best on low, heavy soil and will do well on most any fertile land. Good results are obtained if mixed with red top, mammoth clover, alsike, or some other grass maturing at same time. Sow one peck to acre. Per bu. \$4.25; 10 bu. at \$4.15.

RYE GRASS—In Kentucky, rye grass may be sown either in the fall or in the spring, but it appears that fall seedings produce considerably more pasture and hay than spring seedings. Fall seeding should be done before the middle of September, if possible, so that the grass may enter the winter with a good growth. Twenty pounds of seed to the acre is sufficient, if properly sown, to produce a heavy stand. If sown in a mixture or for a nurse crop, ten to fifteen pounds is sufficient. 100 lbs. \$12.00.

PASTURE MIXTURE—Contains Clovers, Grasses and Lespedeza that should make a permanent pasture and furnish continuous grazing. 10 lbs. \$1.25; 100 lbs. \$10.00.

SUDAN GRASS—It is a tall, annual grass reaching a height of 7 to 9 feet when planted in rows and allowed to mature for seed crop; broadcast and cut in the bloom for hay about four feet. It is easily cured and handled as a hay crop. Stock of all kinds eat it readily. Should not be planted until the soil becomes warm in the Spring. It is an annual and must be seeded each Spring. When seeded in rows 18 to 20 inches apart, drill 4 to 6 lbs. Sown broadcast 16 to 24 lbs. per acre. 10 lbs. \$1.50; 100 lbs. \$13.00.

DWARF ESSEX RAPE—The Economical Pasture Crop, Fattens Sheep Without Grain—A quick and cheaply grown pasturage for sheep, hogs, cattle and poultry. Ready in 6 to 8 weeks from sowing. Sow it as early as possible—late March or early April is not too late. Three or four pounds plant an acre in drills; six to eight pounds broadcast. Lb. 25c; 10 lbs. \$2.10; 100 lbs. \$20.00;

MILLET—Southern German Type—One of the most valuable quick-growing hay crops in cultivation. It can be sown May first to the latter part of July and will produce a fine crop in 6 to 8 weeks. If sown thick and cut when in bloom it makes a very fine nutritious hay. Our seed stock of this is Tennessee grown and makes much heavier yield than western seed. Bu. \$5.00.

BUCKWHEAT—JAPANESE TYPE—A week earlier and larger-grained than Silver Hull. A good yielder. Write for Prices.

NEW IMPROVED CERESAN for Wheat, Oats, Barley—4 oz. 35c; 1 lb. tin 90c; 4 lbs. tin \$3.00. (4 oz. treats 8 bushels.)



SUNFLOWER—Mammoth Russian—It is immensely productive and can be raised cheaper than corn. Seeds are very valuable for poultry feed; especially when moulting. Lb. 25c; 10 lbs. \$2.00.

CANE FOR FEED ONLY

RED TOP TYPE—This is the most popular variety for feeding purposes. It makes a luxuriant growth of stalks and leaves. The head is very close and compact. For feed, it should be sown thick so it will not grow too large and coarse. Sow twenty pounds to the acre in drills three and one-half feet apart; broadcast, sow one and one-half bushels to the acre. Pk. \$1.35; bu. \$5.00.

EARLY ORANGE TYPE—This is an old variety, very popular in some sections. Makes large growth and forms loose heads. Pk. \$1.35; bu. \$5.00.

HONEY DEW TYPE—Good for feed. Largely sown in Kentucky. Pk. \$1.50; bu. \$5.00. PRICES SUBJECT TO CHANGE.

SEED OATS

CERTIFIED CLINTON—Bu. \$3.50.

COLUMBIA TYPE—Our seed stock of this popular variety is re-cleaned and northern grown. Bu. \$2.25.

FESCUE

CERTIFIED KENTUCKY 31 FESCUE—It is very hardy, makes good leafy growth and stays green throughout the season. Makes fine pasture and hay. 5 lbs., \$1.50 per lb.; 10 lbs., \$1.40 per lb.; 25 lbs., \$1.35 per lb.; 100 lbs., \$1.25 per lb.

ALTA FESCUE—It is very hardy, makes good leafy growth and stays green throughout the season. Makes fine pasture and hay. 5 lbs., 65c per lb.; 10 lbs., 60c per lb.; 25 lbs., 55c per lb.; 100 lbs., 52c per lb. Some experts claim Alta Fescue and Ky. 31 Fescue to be the same.

COW PEAS

MIXED—These can be profitably used for fertilizing purposes, or hay, and can be purchased at slightly lower prices than straight stocks. Ask for price.

The Legume Seeds You Plant Will Produce Better Crops If Inoculated

ALFALFA
CLOVER
PEAS
BEANS



SOYBEANS
COW PEAS
LESPEDeza
All Legumes

SOY or SOJA BEANS

They make poor land good — They make good land better



LINCOLN TYPE—Yellow variety, for beans. Bu. \$5.35; 10 bu. \$5.25.

No. 7 TYPE—An early yellow variety grown mainly for beans. Bu. \$5.10; 10 bu. at \$5.00.

MANCHU TYPE—A small, round, yellow soy bean, producing an immense amount of seed and maturing early. Very popular in the middle west. Grows in bush form, standing up excellent for harvesting. Bu. \$5.10; 10 bu. at \$5.00.

VIRGINIA BROWN TYPE—On account of its abundant growth and large yield of beans the Virginia Brown makes most excellent hay and ensilage. As it is about 20 days earlier than Mammoth Yellow, it can be grown further North and throughout the corn belt. The vines make a fine growth, are filled with pods, stands about 3 feet high and are easy to cut and easy to cure. Bu. \$5.10; 10 bu. at \$5.00.

WILSON EARLY BLACK TYPE—A very prolific variety, and one of the best where a quick, early variety is desired. Average height on good land is about three feet. It was found to mature in about 115 days, to stand up well, make pods a good distance from the ground and retains its seed. Bu. \$4.75; 10 bu. at \$4.65.

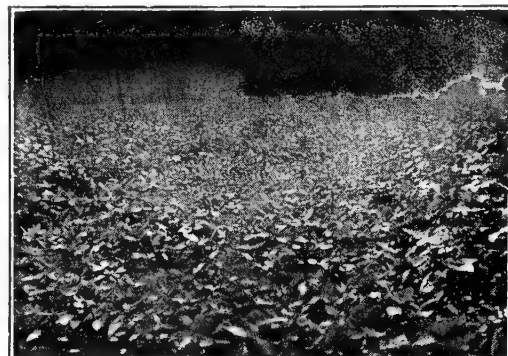
FOR FALL PLANTING

RYE—WHEAT—OATS

BARLEY

CRIMSON CLOVER—VETCH

Fall prices will be quoted about August 1st. Let us know your requirements.



SOYBEAN FIELD near Spencer, Ohio

One drill row thru center not inoculated. Remainder of field inoculated with NITRAGIN.



SOY BEANS



EFFECT OF WINTER COVER CROP ON CORN

The corn on the right was grown without a cover crop, that on the left followed a winter cover crop inoculated with NITRAGIN.

SUPPLIES AND REQUISITES

ROOTONE

ROOTONE, the plant hormone powder, for cuttings, seeds, tubers, and bulbs. Just dip the base of the cutting or slip in **ROOTONE**, set in sand, and the roots will grow faster and bigger. By dusting seed with **Rootone**, seedlings grow faster and more uniformly, producing stronger plants and better crops. $\frac{1}{4}$ -ounce packet, 25c; 2-ounce jar, \$1.00.

TRANSPLANTONE

TRANSPLANTONE, the hormone-vitamin powder for stimulating roots in transplanting. Makes shrubs, trees, and plants in general, take root faster. Produces earlier maturity and larger crops when used on tomato, cabbage, celery, lettuce, tobacco, and sweet potato plants. $\frac{1}{2}$ -ounce packet, 25c; 3-ounce can, \$1.00; 1-lb. can, \$4.00.

MORE TOMATOES AND MORE SEEDLESS TOMATOES WITH FRUITONE

This plant hormone spray will help develop a better set and a bigger crop of tomatoes. If the spray hits the blossoms after blooming and before pollination, the tomatoes will be seedless. Simple and easy to use. **Fruitone** also helps grow big berries on berry-bearing shrubs and stops pre-harvest drop on fruit trees.

25c pkt. makes 5 gal.

\$1.00 pkg. makes 25 gal.

WEEDONE

The new internal weed killer. Kills Poison Ivy, Poison Oak, Bindweed, Honeysuckle, Dandelion, other noxious weeds. Sprayed on leaves, it travels down and kills right out to the root tips. Sprayed on lawns, it kills dandelions and other weeds without hurting the grass. Non-corrosive, safe for humans and animals. Just mix with water and spray. 6-oz. bottle (covers 500 sq. ft.) \$0.75
1-qt. can (" 2,500 sq. ft.) 2.50



Dirt-Proof, Washable Garden Gloves

All Leather
Durable
Extra Soft
Easy to Wear
—for Men and Women

Eezy Wear gives you everything you want in a garden glove; all-leather protection from dirt, scratches, stains, infection—yet permit almost **BAREHAND FREEDOM**. Their amazing **softness** and **pliability** are the result of a special processing of select lamb skins. Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for gardening, housework, painting, furnace, garage, etc.

Sizes for **WOMEN** (small, mdium, large) and **MEN** (small, mdium, large). Price \$1.15 a pair, postpaid.

NATIONAL Eezy Wear GLOVES

RUBBER BANDS

RUBBER BANDS — For bunching and tying vegetables. Saves time and labor. Packed in one-pound boxes. No. 12, $1\frac{3}{4}$ in. \$1.25 per lb.; No. 16, $2\frac{1}{2}$ in. \$1.25 per lb.



Get enough **Vigoro** now to feed your lawn, flowers, shrubs, trees, and vegetables. Order 4 pounds for every 100 square feet of lawn and garden area. You'll find **Vigoro** the most economical as well as the most satisfactory plant food you've ever used. 1 lb. 10c; 5 lbs. 45c; 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

THE SUDBURY HOME GARDENER'S SOIL TEST KIT

This simple, practical, easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenkeepers throughout the country. Tests for nitrogen, phosphorus, potash and acidity. It will make at least three separate tests for each element. No technical skill required. Results of tests are apparent immediately. The Sudbury Home Gardener's Soil Test Kit, complete with instructions and data on plant needs, \$2.00.

EndoPest

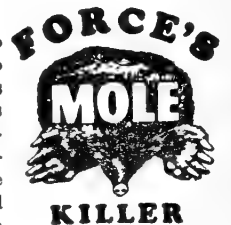
ENDOPEST—10 oz. Applicator 79c; 10 oz. Refill Cartridge 59c; 2 lb. Pouring Spout \$1.50; 4 oz. Sifter Top 25c.

EndoWeed

ENDOWEED— $\frac{1}{2}$ Pint Can \$1.00; Quart Can \$2.75; Gallon Can \$7.50; Packet 25c; Side Sprayer 59c.

Money-Back Guarantee

No Traps — No Gas—No Harm to domestic animals or birds. **Force's Mole Killer Pellets** are compounded from the mole's natural food. True mole food scent attracts and will positively destroy large numbers of moles. Kill the breeding stock now before they multiply. Send 25c for 35 pellet package; 50c for 75 pellet pkg.; \$1.00 for 185 pellet pkg.



DRICONURE

PLANT FOOD

TIME TESTED

Product of Scientific Research

WILL GIVE YOU

GORGEOUS FLOWERS

GREENER LAWNS

LUXURIOUS SHRUBS

DELICIOUS VEGETABLES
HEALTHIER TREES

50 lb. BAG \$2.35

7 $\frac{1}{2}$ lb. BAG \$0.65

Quantity of contents. 2 bu.

Shipping weight Approx. 52 lbs.

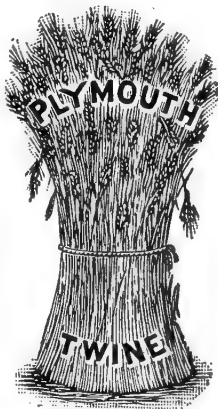
Quantity of contents. 10 qts.

SUPPLIES AND REQUISITES

Plymouth Binder Twine

Plymouth is a very splendid Binder Twine. Long fibre, strong, smooth and even. Runs uniform size. Does not kink or break like some other brands. If you have never used it, be sure and try some this season and be convinced. We are sure you will like it.

Prices will be quoted you on application



Morton's Tender-Quick

2½-lb. can 60c. (Makes enough pumping pickle for 100 lbs. meat.)

Morton's Meat Pump.....\$1.50

Morton's Sugar-Cure

7½-lb. can 90c. (Enough for 75 lbs. meat.)

Morton's Sausage Seasoning

10-oz. can 40c. (For 30 to 40 lbs. meat.)

Non-Skipper Compound

Moisten meat and rub Non-Skipper Compound thoroughly into all cracks especially hock end. Small can 65c; large can \$1.00.

Wright's Condensed Smoke

**QUICKLY APPLIED
SAVES TIME AND MEAT**

Wright's Smoke is quickly and easily applied with a cloth or brush. Simply "paint" the meat with the Smoke and the job is done. The usual meat shrinkage of 10% to 20% due to the smoke house heat, is prevented when Wright's Smoke is used. This saving more than pays for Wright's Smoke. Pint Bottle (Smokes 150 lbs. of meat) 65c. Quart Bottle \$1.00.

MAKE YOUR OWN FERTILIZER

Out of Garden Rubbish!

Mix ADCO with leaves, weeds, vines, clippings, cuttings, straw, cornstalks, etc., and turn them into rich plant food.

It's easy—anybody can do it—and every pound of ADCO makes 40 pounds of splendid fertilizer.

HOW TO ORDER ADCO

ADCO can be had in packages of various sizes, designed to meet the needs of everything from the smallest garden to the greatest plantation.

ADCO, in 7½-lb. cartons.....\$1.25
(Enough to make 300 lbs. of manure)
ADCO, in 25-lb. bags.....\$3.00
(Enough to make ½ ton of manure)

PEAT MOSS

An ideal soil conditioner that will improve any type soil and assure better plant growth. Breaks up hard clay soils and gives body to sandy soils. Readily makes humus. Its millions of tiny sponge-like cells maintain moisture constancy, keep the soil well aerated and stimulate healthy root development—the secret of all good top growth.

Peat Moss also makes an excellent summer or winter mulch. It keeps the underneath soil cool and moist in summer, preventing sun-parching. In winter it insulates the soil, protecting the tender roots from breakage caused by soil heaving.

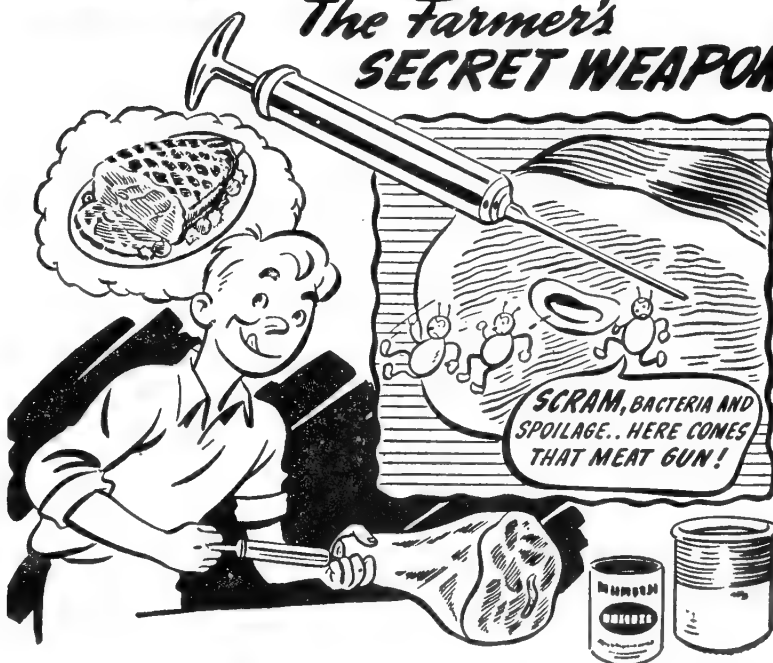
If you enjoy beautiful flowers or a fine lawn be sure to mix Peat Moss with the soil before you do any planting.

Bale (approx. 20 bu.), \$4.75.

We will quote special prices on large lots.

YOUR FAMILY MEAT SUPPLY

The Farmer's SECRET WEAPON



MEAT PUMPS ARE WIDELY USED IN HOME MEAT CURING TO PUMP TENDER-QUICK CURING PICKLE INTO HAMS AND SHOULDERS ALONG THE BONE—PREVENTS BONE TAIN—ELIMINATES OFF FLAVORS.

Use MORTON'S Meat Curing Products!

We sell and recommend MORTON'S Tender-Quick, Sugar-Cure and Sausage Seasoning. They're complete—ready to use. Make your home meat curing easy and certain. Come in for your meat pump, your Morton curing products and complete directions.



SUPPLIES AND REQUISITES



Germaco Hotkaps

Protect Plants For Profit

GERMACO HOTKAPS can make you extra dollars this season. They protect plants from frost, wind, rain, insects and ground crusting. Thus they produce hardier, quicker crops. You get highest prices! **Prices:** 1,000 lots \$13.50; 5,000 lots \$13.35 per M; 10,000 lots \$13.20 per M; 25,000 lots, \$13.05 per M; 250 Trial Package including Garden Setter \$4.65, 100 Home Package including Garden setter \$2.75; postage extra.

Home Garden Package—25 HOT-KAPS with setter—70c.

Postage Extra—Weight 2 lbs.



"Twist-ems" are dark green strong tapes with wire reinforcing that make perfect plant ties. Quick Permanent, Attractive, Convenient. For Nurseries, Estates, and Amateur Gardeners. For Plants, Shrubs, Vines and arranging of Flowers.

7-inch, per 1,000.....	\$1.50
7-inch, per 250.....	.50
12-inch, per 1,000.....	2.56
12-inch, per 250.....	.75
16-inch, per 1,000.....	3.42
16-inch, per 250.....	.90
(Packed 250 per bundle)	



Hot Bed Sash

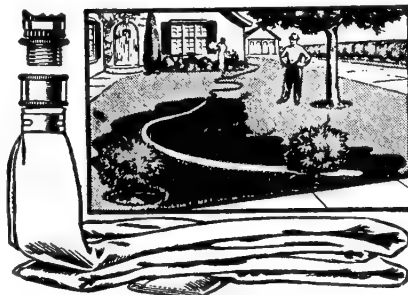
Made of the best grade Northern White Pine. Light weight, easy to handle Ends are mortised and accurately fitted.

Size—4 ft. wide by 6 ft. high, has 4 vertical bars (slip type construction) arranged for 5 rows of 8x10 glass. Price per sash, unpainted, without glass **Ask for Prices.**

8x10 glass per box of 90 lights \$5.76.

Ask for price on larger lots of sash or glass.

Soil Soaker



SOIL SOAKER for deep soaking, the water method approved by agricultural colleges and nurseries now available for home use. Equipped with regular hose connection for attaching to hose or pipe. No. 0, 12 ft., Price \$1.05; No. 1, 18 ft., \$2.15; No. 2, 30 ft., \$3.35; No. 3, 50 ft., \$5.45.

SHEEP MANURE

This concentrated weedless, soil-building manure puts new life and beauty into all plants. It produces thick, velvety-green lawns, beautiful flowers and shrubs and big crops of crisp, delicious vegetables. Everybody can get results because it does not burn plants and is easy to apply. For lawns and gardens use 10 pounds to 100 sq. ft. Simply broadcast as you would sow seed. Rake into the surface soil around established plans.

10 lbs. 70c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.



Plant Labels

	100	1000
4-in. Pot Labels	\$0.30	\$2.50
6-in. Pot Labels45	3.00
8-in. Garden Labels.....	1.25
3 1/2-in. Copper Wired Dahlia Labels40	3.00
12-in. Garden Labels	2.00



Evermark Pencils

The greatest improvement since lead pencils were invented. All weather proof EVER-MARK for writing on all plant labels. Will not rub off, will not wash off. **Price: 3 for 40c.**



Horn Seed Sower

BRASS SEED GAUGE Patented

Has a patented seed gauge, constructed of brass, that will never rust. In fact, it is this gauge that has made this seeder so popular. It is very accurate and dependable and is attached to a heavy sectional tin tube. The canvas bag holds about one half bushel.

Price: \$1.25 each.

Do You Get It?

The helpful **SPECIALTY CATALOGUE** of Farm Equipment and Supplies issued by Our Implementation Department? Send us your name and address—we will gladly mail you one.

Cyclone Broadcast Seed Sower



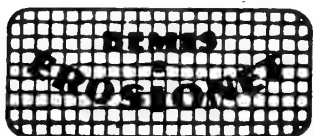
THE CYCLONE will sow practically all kinds of seeds that are sown broadcast, such as clovers, grasses, wheat, oats, rye, millet, turnips, etc., and the flow of seeds can be regulated so as to sow just the quantity you want to sow to the acre. A boy can sow more acres a day than four men can sow by hand, and do it better, the seeds being more evenly distributed than is possible by hand. Don't wait till a wet spell catches you with your sowing unfinished to make you realize that if you only had a seeder you could have finished before the rain. **Price \$3.50.**

LITTLE GIANT. Price \$3.25.

NEW

All natural rubber vegetable bunching bands. Sizes 10-12-14-16. **Price per lb. \$1.25.**

FOR BETTER LAWNS

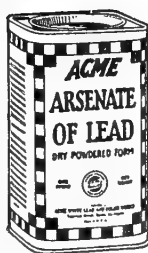


Bemis **EROSIONET** is a strong, economical, open-mesh fabric. When placed over any seeded surface, its 1/4-inch square mesh forms millions of tiny dams which catch and hold your seed and sod firmly in place. Thus, damaging "washouts" from heavy rains are effectively checked without cutting off the sunlight.

Erosionet also catches and holds moisture. It helps overcome seed losses and lawn disappointments from poor germination.

Bemis Erosionet comes in rolls 45" wide. A few minutes calculation enables you to purchase just the right amount without waste. Erosionet is quickly and easily laid. **17c per yard. Ask for prices on large lots.**

SPRAYS AND DUSTS



ARSENATE OF LEAD—Highly toxic to chewing insects on fruits, vegetables, flowers and shrubs. Does not burn tender foliage. 1-lb. 50c; 4-lb. bag \$1.30. We can make attractive prices on larger quantities.

ACME ROTENONE GARDEN GUARD

Don't let bugs have your vegetables. Dust or spray with Garden Guard and enjoy the fruits of your toil. The killing ingredient is Rotenone—non-injurious to humans and warm blooded animals. Furthermore, Rotenone is very effective as it acts both as a contact and stomach poison against a wide range of insects.

1 lb. sifter carton 40c; 4 lb. bag 90c;



"BLACK LEAF 40"

kills plant lice on roses, shrubbery, fruits and vegetables. A concentrated solution of nicotine sulphate, guaranteed to contain not less than 40 per cent of nicotine. 1-oz. bottle 36c; 5 oz. \$1.05; 1 lb. \$2.42; 2 lbs. \$3.92; 5 lbs. \$7.40.

BORDEAUX MIXTURE—This well-known fungicide prevents and controls fungus diseases on apples, grapes, potatoes, tomatoes, currants, raspberries and other crops. 1-lb. bag 40c; 4-lb. bag 95c.

"75" ROTENONE GARDEN DUST AND SPRAY

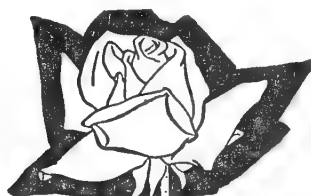
Is an ideal insecticide for the home garden. Dust or spray. The killing ingredient is Rotenone—non-injurious to human and warm blooded animals. Acts both as contact and stomach poison against a wide range of insects.

1 lb. Pkg. 35c 5 lb. Pkg. \$1.00
With DDT 50 lbs. \$9.00.

We have the above General "75" Rotenone Dust with 3% DDT added to make it more effective. 1 lb. pkg. 40c; 5 lb. pkg. \$1.25; 50 lbs. \$10.50.

CALCIUM ARSENATE—Is noted for its effective insect control and its safety to foliage. Use for the control of Mexican bean beetle. Mix with water for potatoes, tomatoes and other vegetables. 1-lb. bag, 35c; 4-lb. bag 75c.

ACME EMO-NIK. A complete contact insect spray combining active nicotine with a high quality summer oil emulsion. Excellent in control of scale, red spider, mealy bug, white flies, rust mites, aphids, mildew and similar garden pests. Practically odorless when sprayed. 4½ oz. 35c; Pint, 70c; Quart, \$1.00.



TRI-GEN All-purpose spray

Especially recommended for roses, asters, snapdragons, carnations, hollyhocks, delphiniums, phlox, chrysanthemums, zinnias, golden glow, dahlias, and many other plants.

A. Small Kit (makes 16 quarts)....\$1.50
Protects 12 to 20 roses for season.

B. Medium Kit (makes 64 quarts 4.00)
Protects 50 to 80 roses for season.

C. Large Kit (makes 32 gallons) 6.00
Protects 100 to 160 roses for season.

K-R-O

KILLS-RATS-ONLY (Without Poison)

K-R-O—Simply mix with ground raw beef or fish. 2-oz. can (will make 2 lbs. of bait) 75c.

K-R-O — Ready-Mixed — This is K-R-O powder mixed with an attractive bait ready to use. 40 gram can 35c.

LIME SULPHUR—(Dry)—For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite. 1 lb. 40c; 5 lbs. \$1.25; 12½ lb. bags \$1.75. Ask for prices on larger lots.

LIME SULPHUR SOLUTION — Liquid form of Lime Sulphur. Gal. 60c; 5 gals. \$2.00; 50 gals. \$11.00.

MELON DUST—For the control of the Striped Cucumber Beetles and many other insects. 1 lb. 15c; 5 lbs. 50c.

NICO-FUME POWDER — Pressure-Fumigator — "Nico-Fume" Powder will now be packed in special cans, hermetically sealed. Two eyelets are scored on opposite sides of each can, near the top. A special lighter (a small "sparkler") is attached to the can. 1-lb. can 75c; ½-lb. can 40c.

BENZO FUME PRESSURE FUMIGATOR—1-lb. can 50c; ½-lb. can 30c.

PARIS GREEN — A rich, emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary. ¼ lb. 25c; 1 lb. 65c; 2 lbs. \$1.20; 5 lbs. \$3.00; 14 lbs. \$6.75; 25 lbs. \$12.00.

ACME LONDON PURPLE. A favorite arsenical insecticide for fifty years, now stronger and better than ever. London Purple assures complete coverage and excellent adhesion to the foliage. Recommended for use on potatoes, cotton, tobacco, sugar beets and many other plants and vegetables damaged by leaf chewing insects. 1 lb. 30c; 4 lb. 50c.

RED ARROW—Non-poisonous, kills by contact, will not burn or stain tenderest foliage, ounce will make 4 to 8 gals. spraying solution. For bean beetle one ounce to 3 or 4 gals. Oz. 35c; 4 ozs. \$1.00; 1 pt. \$2.50; 1 qt. \$4.00; 1 gal. \$12.00.



ROTENONE GARDEN SPRAY (NNOR) containing Rotenone kills most common garden bugs of both sucking and leaf eating types. You've got to wet them—to get them. NNOR penetrates the waxy or hairy covering, brings the tremendous power of Rotenone into action. 1 oz. 35c; 6 oz. \$1.00; 16 oz. \$2.15; Gals \$13.50.

BAIT-M — Kills Cutworms, Sowbugs, Snails, Grasshoppers, etc. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 1-lb. package, 35c; 2½-lb. jackage 75c.

SPRAY SOAP—A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. 1 lb. 35c; 5 lbs. \$1.50.

ACME WETTABLE DUSTING SULPHUR—Keep your roses free from mildew, black spot, leaf spot and other hideous fungous diseases. 2-lb. sifter carton, each 40c.

SLUG SHOT—A reliable remedy for destroying cabbage worms and used extensively on melons, cucumbers, egg-plants and tomatoes. It is non-poisonous to human life. 1-lb. canister 40c; 5-lb. package \$1.70.

SULPHUR—(Agricultural) Used on cut seed potatoes and dusting on plants to control fungus diseases and insects. 100-lb. bag \$3.00.

TOBACCO DUST — An inexpensive and very effective remedy for destroying insects on cabbage, cucumbers, melons and other vine plants. Lb. 10c; 10 lbs. 50c; 100 lbs. \$3.00.

ACME TOMATO DUST

A general garden insecticide with emphasis on better tomato protection.

1-lb. Pump Gun pkg.	\$.65
1-lb. Sifter Carton50
4-lb. Bag	1.05
50-lb. Bag	11.00

NOTE -

All prices on insecticides are subject to market changes and being unsold.

Prices are F. O. B. Louisville, Ky., if delivery by Parcel Post is wanted sufficient postage should be added.

Planet Jr. Garden Tools

No. 300A SEEDER—The No. 300A is rapidly becoming the most popular seeder for market gardeners. It is a plate seeder having three seeding plates, each with 13 holes, giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate. \$27.50.

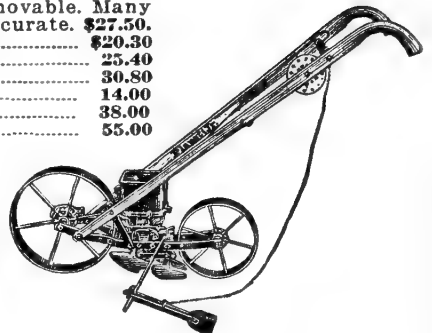
No. 4D—Hill and Drill Seeder.....\$20.30
 No. 4—Hill and Drill Seeder, Single Wheel Hoe.....25.40
 No. 25—Hill and Drill Seeder, Double Wheel Hoe.....30.80
 No. 22—Jiffy Seeder.....14.00
 No. 220—Hand Fertilizer Distributor.....38.00
 No. 230—Horse Fertilizer Distributor.....55.00



No. 12 Double Wheel Hoe

THE DOUBLE WHEEL HOE is a favorite with a great many gardeners, especially onion set growers, and will be more popular now as it is a combined double and single wheel hoe. The steel frame can be set at different heights to suit any kind or depth of work. The arch is high enough to straddle plants 20 inches high. Has 14-inch steel wheels.

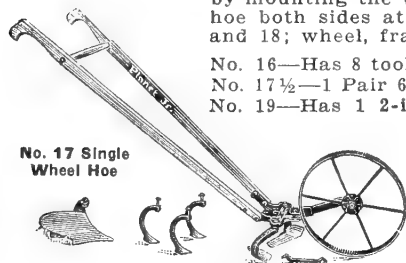
No. 12—Equipped with 8 oil-tempered tools.....\$15.70
 No. 13—Side Hoe only.....12.00



No. 300A Planet Jr. Seeder

SINGLE WHEEL HOES are lighter than the double and do almost the same variety of work, but are used mostly between the rows; yet by mounting the wheel on the other side of the arm, it can be used to hoe both sides at once while the plants are small. Numbers 16, 17, and 18; wheel, frame and handle are alike.

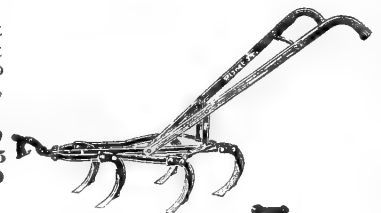
No. 16—Has 8 tools, Hoes, Plow, Teeth, Rakes.....\$12.40
 No. 17½—1 Pair 6 in. Hoes.....0.65
 No. 19—Has 1 2-in. Cultivating Tooth, 1 10-in. Sweep, 1 Plow 7.00



No. 17 Single Wheel Hoe

PLANET JR. 5-TOOTH CULTIVATORS are widely known and bear a higher reputation than any 5-tooth cultivator ever made. If you are a farmer, trucker, orchardist, or suburbanite with a garden, there is a Planet Jr. made for your special need. Write us.

No. 4D—Without Wheel.....\$11.50
 No. 9D—Has Expanding Lever.....14.25
 No. 100D—Planet Jr.'s New 5-Tooth Cultivator.....10.00



No. 100D 5-Tooth Cultivator

MYERS' HAND SPRAY PUMPS

The Myers Pneumatic Compressed Air Sprayer with self-locking D handle and Kwick-fill screw top with adjustable long distance spray nozzle complete.

No. 2240—2½ gallon size with Brass Extension.....\$ 9.70
 No. 2242—4½ gallon size with Brass Extension.....\$10.80

No. R324 Myers Cog Gear, Bucket Spray Pump, with Agitator, complete with Detachable Hose and Graduating Vermorel fine, sprinkling and solid stream nozzle, packed one in a carton. Price.....\$10.80

Here is the Myers Portable Sprayer, a handy outfit about the home, greenhouse or orchard.

The pump, as illustrated under Fig. 1843, is fitted with cog gear handle, dasher and jet agitators, and is securely attached to the tank. The handle can be located at any point desired.

The tank is made of heavy galvanized iron and hung in the frame on trunions. 12½ gallons capacity.

The wheels and handles are made of wrought steel. Wheel is 15½ inches in diameter with 3 inch tire.

No. R336½B, Myers Handy Portable Sprayer, complete as shown, with Dasher and Jet Agitators, 15 feet ½-inch discharge hose, 8 foot Fig. 480 Steel Pipe Extension and Vermorel Nozzle. Wheel 15½"x3". Wt. 80 lbs. (Wt. crated 100 lbs.). Price.....\$37.60

Fig. 1843 Pump only with agitators. (Weight 30 lbs.). Price.....\$19.40

No. R318B Myers Cog Gear Barrel Spray Pump, with one lead of 15 feet of ½-inch Discharge Hose, Graduating Vermorel Nozzle and both Jet and Mechanical Agitator.

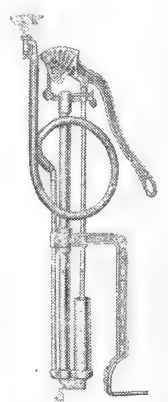
Price.....\$25.35

No. 327½ Little Giant Brass Spray Pump, with Agitator, complete with Hose and Imperial Combination fine and coarse spray and solid stream Nozzle, with Malleable Foot Rest. Price.....\$ 7.30

No. R329 Myers Whitewash, Cold Water Painting Machine and General Purpose Sprayer, complete as illustrated and described. Price.....Not Available



No. 2242



No. R324



No. R336½B

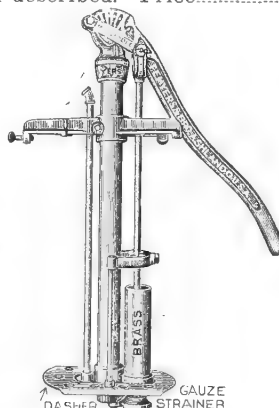
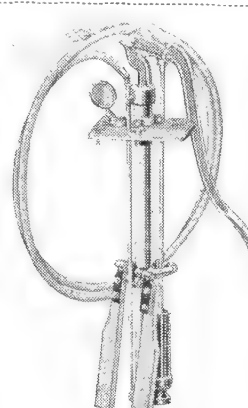
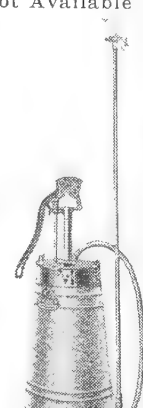


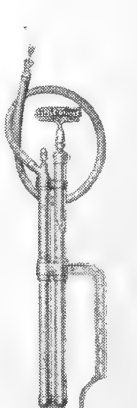
Fig. 1843



R318B



R329

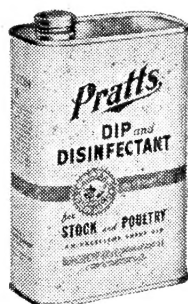
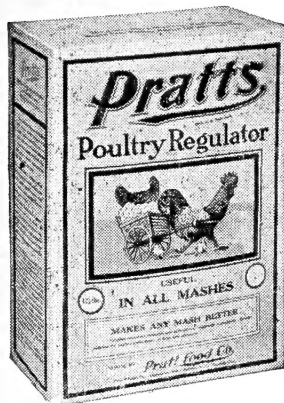


R329

Pratts

Poultry and Livestock Remedies--Regulators--Disinfectants

Prices F. O. B. Louisville, Ky. If Wanted via Parcel Post Please Add Postage



MORE EGGS . . . FROM "TRACE ELEMENT" STARVED FLOCKS

Famous old reliable Pratt's Poultry Regulator . . . used by millions . . . supplies the indispensable "Trace Elements" feeds may lack. Remarkable increase in egg production often follows. Also excellent for growing birds. Use a feed daily. 18-oz. pkg. 30c; 2 1/4-lb. pkg. 60c; 6-lb. pkg. \$1.20; 12 1/2-lb. pkg. \$2.00; 25-lb. pkg. \$3.75.

DON'T GO BROKE FEEDING WORMS

Wormy birds cannot lay or grow well. Get rid of worms with Pratt's "Split Action" Worm Capsules. Each capsule does the work of two ordinary worm treatments. Contains Nicotine and Phenothiazine, the new miracle wormer that is 98 to 100 per cent effective in killing or expelling cecum worms. For chickens or turkeys. Adult size, 100-tablet pkg. \$1.50; chick size, 100-tablet pkg. \$1.00.

FLOCK WORM TREATMENT

A shockless, highly effective, flock worm treatment for large, round and cecum worms. Just add it to the mash, and feed for 5 days. Contains Nicotine and Phenothiazine. Gets both large round and cecum worms. 4-oz. pkg. \$1.25; 20-oz. pkg. \$2.75.

COLDS? RELIEVE THAT "STOPPED" UP FEELING

Quickly relieve that tight, stopped-up feeling with Pratt's Inhalant. It loosens accumulated mucus because it is "water soluble" and can mix with the water nasal secretions. 1 pint bottle 70c; 1-quart bottle \$1.25.

KEEP POULTRY LICE-FREE . . . LONGER!

Now Pratt's Roost Paint contains D.D.T. and Nicotine. It kills lice at present on birds and new lice that hatch out over a week later. Just apply to roosts. No handling of birds. 3 1/2-oz. cans 50c; 1/2-pt. cans \$1.00; pint cans \$1.75.

PRATT'S POWDERED LICE KILLER

Especially good for delousing birds on range. Just shake some into the dust bath. Now contains D.D.T. An effective treatment for lice on livestock, too.

14-oz. pkg. 40c; 2-lb. pkg. 80c

STOP HEAVY LOSSES FROM BLOODY COCCIDIOSIS

Pratt's C-Ka-Gene, fed as directed on the package, stops those awful losses and setbacks Bloody Coccidiosis causes. It helps establish immunity (permanent protection). Now successfully protecting its second 100 million chicks. It can save yours.

50 chick size 85c; 100 chick size \$1.50; 250 chick size \$3.25.

RELIEVE SIMPLE DIARRHEA

Use Pratt's In-Tes-Trol for drinking water medication. Relieves simple Diarrhea not caused by infection. Retards Mycosis. For chickens and turkeys of all ages.

Pint 75c; quart \$1.25.

PRATT'S CHICK TABLETS

Protects the chicks' drinking water all day . . . not for just a few hours. Floats on top of the water. Gives off fresh medication gradually and constantly.

1-oz. pkg. 35c; 2 1/2-oz. 70c.

PRATT'S PIK-NO-MOR

Valuable in preventing and breaking up outbreaks of feather pickings and cannibalism. Easy to apply. Inexpensive. Effective.

5-oz. pkg. 60c.

PRATT'S DISINFECTANT

For general sanitation around poultry and livestock farms. It's a powerful germ killer and an effective dip for livestock. Pratt's Disinfectant is a standard coal-tar solution such as is recommended by all authorities for farm sanitation. 1-pt. can 55c; 1-qt. can 80c; 1-gal. can \$2.00.

PRATT'S ZENE-A-TROL

New "miracle" wormer for hogs, sheep, cattle, chickens and turkeys. Discovered by the U. S. Department of Agriculture. All authorities agree it is the most valuable treatment yet discovered for removing worms from farm animals. 1/2-lb. pkg. \$1.00; 1-lb. pkg. \$1.50; 5-lb. pkg. \$7.00.

PRATT'S ANIMAL REGULATOR

Protects livestock from many health and profit wrecking deficiencies. Supplies vitamin D and "Trace Elements." Helps livestock produce better on the same feed. Completes mineral diet. Guards health. 2 1/2-lb. pkg. 70c; 6-lb. pkg. \$1.40; 25-lb. pkg. \$5.25.

PRATT'S FARM BUILDING SPRAY

A 25% D.D.T. Emulsion for fly and insect control inside farm buildings. One quart makes 5 quarts of ready-to-use spray. One treatment often effective for 2 or 3 months. 1-qt. can \$1.50.

PRATT'S COW TONIC

Add Pratt's Cow Tonic to your Dairy Feed. Aids appetite and digestion. Helps cows produce more milk from the same feed. Valuable conditioner. Especially helpful at calving time. 1 1/2-lb 65c.

PRATT'S BAG OINTMENT

This soothing, benzoinated ointment has peculiar penetrating powers that makes it extremely effective in relieving udder troubles. Keep some on hand at all times. 10 oz. 60c.

PRATT'S HOG POWDER

Completes the mineral diet hogs need. It supplies growth promoting B-G complex Vitamins. Rich in Vitamin D that saves feed. Contains "Trace Elements" which keeps hogs so content they root the ground less. 3-lb. pkg. 60c; 7-lb. pkg. \$1.20.

The New Scientific and Modern Glass Substitute



Vitapane, a lightweight material intended for use in poultry houses, hot-houses, cold and hot-bed frames, porches, barns and other places where a strong weatherproof glass substitute is needed for maximum light and insulation.

Rolls 36 in. wide, 50 ft. long and may be cut in any lengths required. Ask for a free sample.

Sq. yard

55c



Tap "Black Leaf 40" along the roost, then smear. The film gives off louse-killing fumes while the fowls perch. No handling of fowls. Does not upset production. Free hens from these bothersome pests.

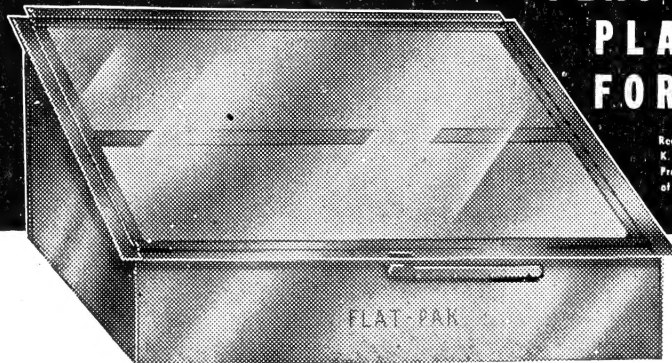
1 oz. bottle 36c; 5 oz. \$1.05; 1 lb. \$2.42; 2 lbs. \$3.92; 5 lbs. \$7.40.

FLAT-PAK PLANT FORCER

Gardens in Bloom by Planting Time

with the remarkable new

**FLAT-PAK
PLANT-
FORCER**



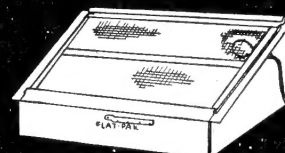
Recommended by Mrs.
K. S. Gill, Honorary
President, Garden Club
of Ohio

Flat-Pak Plant Forcer gets the jump on Ol' Man Winter! Convenient, interesting ally in gardening adventures. In deepest winter, start your vibrant spring flowers and vegetables in this scientific new plant forcer. Sturdy, all-stainless-steel insures protection from all weather-threats. Grooves for electric sunlamp cords in freezing temperatures. Plastic, adjustable window admits all beneficial sun-rays, filtering out harmful beams. Resists all chemicals and stains, regardless of plant-food used.

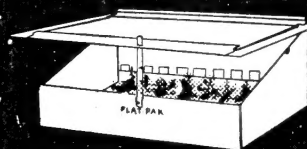
With first balmy days, open Plant Forcer top to admit mild, fresh air. Close and lock against strong winds. By planting-time, remove healthy, vigorous plants to warm, fresh earth and store Flat-Pak Plant Forcer in its own carton smaller than your card table.

TO RETAIL
AT
\$15.95

- STAINLESS STEEL • NON - CORROSIVE
- CHEMICAL RESISTANT • WEATHER - PROOF
- ADJUSTABLE, PLASTIC WINDOW • GROOVED
FOR SUN LAMP CORDS • LASTS A LIFETIME

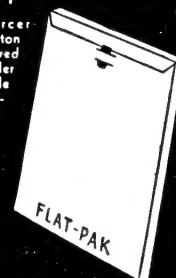


Flat-Pak Forcer shown with top closed; twin-lights give suitable warmth in severe weather. Plastic window admits sun-rays.



Flat-Pak Forcer opened to receive mild breezes. Windowed lid may be locked against threatening strong winds.

Flat-Pak Forcer tucked into carton ready to be stored in space smaller than a card-table. New aid for advance culture of fine plants for BLOOMS BY PLANTING TIME.



ARMOUR VELVETGREEN PLANT FOOD



Ideal for building new lawns and improving established lawns. Use Velvetgreen around shrubs and trees to enhance their beauty and help develop larger, deeper root systems so important to growth. Excellent for flowers and garden vegetables. Contains nitrogen, phosphorus and potash, besides several other important plant food elements.

1 lb.	12c
10 lbs.	85c
25 lbs.	\$1.50
50 lbs.	2.50
100 lbs.	4.00

THE PLANTER'S TIME TABLE

WHAT, HOW AND WHEN TO PLANT

Variety	When to Plant	Quantity For 100 Feet	Quantity For An Acre	Distance Between Rows	Distance Apart In Row	Depth to Plant	Pounds to the Bushel
ALFALFA	Mar., April—Aug., Sept.	Broadcast	20 to 30 lbs.	Broadcast	Broadcast	¾ to 1 inch	60 lbs.
ASPARAGUS ROOTS ...	Spring and Fall	50 to 65 roots	5000 to 7000	4 to 6 feet	18 to 24 ins.	2 inches	-----
BEANS, Dwarf Snap	April to Aug. 15	1 ½ lbs.	100 lbs.	2 to 3 feet	3 inches	2 inches	60 lbs.
Pole.....	May and June	1 lb.	30 lbs.	4 feet	3 to 4 feet	2 inches	60 lbs.
Dwarf Lima.....	May, June, July	1 to 1 ½ lbs.	30 to 60 lbs.	3 feet	15 to 18 ins.	1 ½ inches	56 to 60 lbs.
Navy.....	June and July	1 lb.	15 lbs.	3 feet	1 foot	2 inches	60 lbs.
Soy or Soja.....	April, May, June	1 lb.	15 lbs.	2 ½ to 3 feet	6 inches	1 to 3 inches	60 lbs.
BEEF, Garden	March to August	2 ozs.	6 to 8 lbs.	15 to 18 ins.	4 inches	1 inch	-----
Stock.....	April, May, June	2 ozs.	6 to 8 lbs.	2 to 2 ½ feet	8 inches	1 inch	-----
BRUSSEL SPROUTS	May, June, July	1 oz.	¼ lb.	2 ½ to 3 feet	18 inches	½ inch	-----
CABBAGE, Early	Jan. to June, Sept., Oct.	1 oz.	6 to 8 ozs.	2 ½ to 3 feet	18 inches	½ inch	-----
Late.....	April to July	1 oz.	6 to 8 ozs.	3 feet	2 feet	½ inch	-----
CARROT	March to August	1 oz.	3 to 4 lbs.	12 to 24 ins.	3 to 4 inches	½ inch	-----
CELERY	Feb., March and April	½ oz.	3 lbs.	2 to 4 feet	6 to 8 inches	½ inch	-----
CLOVER, Crimson	July to October	Broadcast	15 lbs.	Broadcast	Broadcast	½ inch	60 lbs.
Lespedeza (per acre)	March and April	Broadcast	20 to 25 lbs.	Broadcast	Broadcast	¼ inch	25 lbs.
Sweet.....	April, May—Aug. to Nov.	Broadcast	20 lbs.	Broadcast	Broadcast	¼ inch	-----
Red.....	Feb., March—Aug. to Nov.	Broadcast	12 to 15 lbs.	Broadcast	Broadcast	½ inch	60 lbs.
Sapling.....	Feb., March—Aug. to Nov.	Broadcast	12 to 15 lbs.	Broadcast	Broadcast	½ inch	60 lbs.
Alsike.....	Feb., March—Aug. to Nov.	Broadcast	12 to 15 lbs.	Broadcast	Broadcast	½ inch	60 lbs.
COLLARDS	March to August	1 oz.	½ lb.	2 ½ to 3 feet	2 feet	½ inch	-----
CORN, Garden	April to early August	Lb., 100 hills	10 to 12 lbs.	3 feet	12 to 18 inch	1 to 2 inches	-----
Field.....	April to July	Lb., 100 hills	10 to 12 lbs.	3 ½ to 4 feet	12 to 18 inch	2 inches	56 lbs.
CUCUMBER	April to July	Oz., 50 hills	2 lbs.	4 feet	4 feet	1 inch	-----
EGGPLANT	Feb., March, April	½ oz.	6 ozs.	3 feet	3 feet	¾ inch	-----
ENDIVE	March to Sept.	½ oz.	1 lb.	18 inches	1 foot	¼ inch	-----
KALE, Spring	Feb. to April, Aug. to Oct.	2 ozs.	8 lbs.	18 to 24 ins.	6 inches	½ inch	-----
Winter.....	Feb., March, Aug. to Oct.	1 to 2 ozs.	4 to 7 lbs.	18 inches	6 inches	½ inch	-----
KOHL-RABI	March to July	1 oz.	1 lb.	18 inches	5 to 6 inches	½ inch	-----
LETTUCE	Feb. to May, July to Oct.	1 oz.	2 lbs.	8 to 12 ins.	18 inches	¼ inch	-----
LEEK	Feb., March, Sept.	1 oz.	5 to 6 lbs.	12 to 18 ins.	4 to 6 inches	½ inch	-----
MUSTARD	Feb., Mar., Apr., Sept., Oct.	1 oz.	5 to 6 lbs.	6 to 12 ins.	3 to 4 inches	½ inch	-----
MELON, Musk or							
CANTALOUPE	May and June	Oz., 50 hills	2 lbs.	4 to 6 feet	4 to 6 feet	¾ to 1 inch	-----
MELON, Water	May and June	Oz., 30 hills	3 lbs.	8 to 10 feet	8 to 10 feet	1 inch	-----
MILLET, German	May, June, July	Broadcast	1 bu.	Broadcast	Broadcast	½ inch	50 lbs.
OATS	Feb. to April, Sept., Oct.	Broadcast	2 to 3 bus.	Broadcast	Broadcast	1 to 2 inches	32 lbs.
OKRA	April, May, June	3 ozs.	8 to 10 lbs.	3 feet	1 foot	1 inch	-----
ONION	Jan., Feb.—Aug., Sept.	1 oz.	5 to 6 lbs.	12 to 18 ins.	3 to 4 inches	½ inch	-----
PARSLEY	Feb., Mar.—Sept., Oct.	1 oz.	4 to 5 lbs.	12 to 18 ins.	2 to 3 inches	½ inch	-----
PARSNIP	March to June 15th	4 ozs.	5 lbs.	18 inches	4 to 6 inches	¼ to ½ inch	-----
PEANUTS	May and June	1 lb.	35 to 40 lbs	2 ½ to 3 feet	8 to 10 ins.	1 to 2 inches	22 lbs.
PEAS, Garden	Feb. to May	2 lbs.	90 lbs.	2 ½ to 3 feet	3 to 4 inches	2 to 3 inches	56 to 60 lbs.
Cow.....	May, June, July	Broadcast	1 to 1 ½ bus.	Broadcast	Broadcast	2 inches	60 lbs.
PEPPER	Feb. to July	Oz., 1000 hills	½ to ¾ lb.	18 inches	2 to 3 feet	¼ inch	-----
POTATOES, Early	March, April	½ peck	10 to 12 bus.	3 feet	15 inches	4 inches	60 lbs.
Late.....	June, July, August	½ peck	10 to 12 bus.	3 feet	15 inches	4 inches	60 lbs.
PUMPKIN	May and June	Oz., 20 hills	3 lbs.	8 to 10 feet	8 to 10 feet	1 inch	-----
RADISH	Feb. to May, Aug. and Sept.	2 ozs.	8 to 10 lbs.	18 to 24 ins.	4 to 6 inches	½ inch	-----
RAPE	Feb. to Apr. 15, Aug.—Nov.	2 ozs.	6 to 8 lbs.	1 to 1 ½ feet	4 to 6 inches	½ inch	-----
RHUBARB	March and April	1 oz.	8 to 10 lbs.	Trans. 6 feet	4 to 5 feet	½ inch	-----
RYE	July to November	Broadcast	1 ½ bus.	Broadcast	Broadcast	2 inches	56 lbs.
SALSIFY	March to July	2 ozs.	6 to 8 lbs.	18 inches	4 to 6 inches	½ inch	-----
SPINACH	Feb. to Apr., Aug. to Dec.	2 ozs.	12 to 15 lb.	1 ½ to 2 feet	4 to 6 inches	1 inch	-----
SQUASH	April to July	2 ozs. (hills)	3 to 4 lbs.	3 to 4 feet	3 to 4 feet	1 inch	-----
TOMACCO	February	-----	1 to 2 ozs.	3 ½ to 4 feet	3 feet	1/16 inch	-----
TOMATO	Jan. to July	Oz. 1500 plts.	4 ozs.	4 feet	3 feet	¼ inch	-----
TURNIP	Feb., July to Sept. 15th	1 oz.	1 ½ to 2 lbs.	2 feet	4 inches	½ inch	-----
VETCH	Feb., Mar.—July to Nov.	Broadcast	25 to 30 lbs.	Broadcast	Broadcast	2 inches	-----
WHEAT	Oct. and Nov.	Broadcast	5 pecks	Broadcast	Broadcast	2 inches	60 lbs.

BEGIN RIGHT—PLANT HALL'S PREMIUM SEEDS—END RIGHT

you can't beat a JOHN DEERE Two-Cylinder TRACTOR



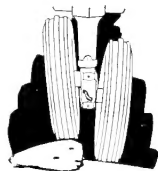
*For Modern Design
and Proved
Performance!*



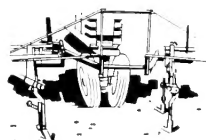
NEW POWER



NEW HYDRAULIC
POWR-TROL



NEW ROLL-O-MATIC
FRONT WHEELS



NEW QUIK-TATCH
CULTIVATORS

You've no idea of the great forward strides John Deere has made in general-purpose farm power until you see and drive one of these new "A" or "B" Tractors. Here are tractors in a class all by themselves when it comes to *modern design* and *proved performance*.

- **NEW POWER.** Specially-designed cyclonic fuel intake mixes incoming fuel and air more thoroughly, improves combustion, and greatly increases engine performance. You can choose *either* the all-fuel engine or the gasoline type which delivers even more power.

NEW HYDRAULIC POWR-TROL. This exclusive John Deere feature is the nearest thing yet to completely automatic operation of tractor equipment. You raise, lower and adjust *both* integral *and* drawn equipment at a touch of your hand.

NEW ROLL-O-MATIC FRONT WHEELS. Exclusive with John Deere, this newest development automatically equalizes the weight on both front wheels—brings you "knee-action" comfort and ease of steering over rough ground . . . in furrows . . . on beds . . . along the contour . . . in almost *any* condition.

NEW QUIK-TATCH CULTIVATORS. John Deere has combined top efficiency with real savings in change-over time in the new two- and four-row cultivators. Just drive in, attach each side with a single nut, connect lifting pipes and you're ready for the field in a matter of minutes.

These are just a few of more than twenty new features that make the John Deere "A" and "B" Tractors today's leaders in *modern design*. Added to them are the time-proved advantages of exclusive John Deere two-cylinder design with its unequalled simplicity and strength of parts—greater freedom from costly field delays . . . lower upkeep costs . . . more years of service. No wonder owners everywhere are convinced that "you can't beat a John Deere two-cylinder tractor for *modern design* and *proved performance*."

JOHN DEERE *Two-Cylinder* TRACTORS -First in Modern Design and Proved Performance